

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

**C Number:** R10997  
**Study Gender:** Both  
**PWG Approval Date** See web page for date of PWG Approval

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
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**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 1	<b>TRT#:</b> F0-1	<b>DOSE:</b> 0 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> SD139
<b>GENERATION:</b> F0			<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 3925

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**TISSUE STATUS**

**No Visible Lesions**

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ADRENAL GLAND	COAGULATING GLAND	DORSAL PROSTATE	EPIDIDYMIS
LIVER	PITUITARY GLAND	SEMINAL VESICLE	TESTIS
THYMUS	THYROID GLAND		

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**OBSERVATIONS**

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KIDNEY	CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
VENTRAL PROSTATE	INFLAMMATION, CHRONIC-ACTIVE	MINIMAL

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 3	<b>TRT#:</b> F0-1	<b>DOSE:</b> 0 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> SD139
<b>GENERATION:</b> F0			<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 3957

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**TISSUE STATUS**

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**No Visible Lesions**

ADRENAL GLAND	COAGULATING GLAND	DORSAL PROSTATE	EPIDIDYMIS
LIVER	PITUITARY GLAND	SEMINAL VESICLE	TESTIS
THYMUS	THYROID GLAND	VENTRAL PROSTATE	

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**OBSERVATIONS**

KIDNEY	CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
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**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 5	<b>TRT#:</b> F0-1	<b>DOSE:</b> 0 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> SD139
<b>GENERATION:</b> F0			<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 3973

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**TISSUE STATUS**

**No Visible Lesions**

ADRENAL GLAND	COAGULATING GLAND	DORSAL PROSTATE	LIVER
PITUITARY GLAND	SEMINAL VESICLE	TESTIS	THYMUS
THYROID GLAND	VENTRAL PROSTATE		

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**OBSERVATIONS**

EPIDIDYMIS	SPERM GRANULOMA	MILD
[ SPERM GRANULOMA TGLS = 1-11 ]		
KIDNEY	CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL

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Animal Note: right epididymis and testis used for andrology

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**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 7	<b>TRT#:</b> F0-1	<b>DOSE:</b> 0 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> SD139
<b>GENERATION:</b> F0			<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 3967

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**TISSUE STATUS**

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**No Visible Lesions**

ADRENAL GLAND	COAGULATING GLAND	DORSAL PROSTATE	EPIDIDYMIS
LIVER	PITUITARY GLAND	SEMINAL VESICLE	TESTIS
THYMUS	THYROID GLAND	VENTRAL PROSTATE	

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**OBSERVATIONS**

KIDNEY	PAPILLA	MINERAL	MINIMAL
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**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 9	<b>TRT#:</b> F0-1	<b>DOSE:</b> 0 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> SD139
<b>GENERATION:</b> F0			<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 4019

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**TISSUE STATUS**

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**No Visible Lesions**

ADRENAL GLAND	COAGULATING GLAND	DORSAL PROSTATE	LIVER
PITUITARY GLAND	SEMINAL VESICLE	THYMUS	THYROID GLAND
VENTRAL PROSTATE			

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**OBSERVATIONS**

EPIDIDYMIS	DUCT	EXFOLIATED GERM CELL	MINIMAL
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MILD
TESTIS	GERMINAL EPITHELIUM	DEGENERATION	MINIMAL

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 11	<b>TRT#:</b> F0-1	<b>DOSE:</b> 0 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> SD139
<b>GENERATION:</b> F0			<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 3903

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**TISSUE STATUS**

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**No Visible Lesions**

ADRENAL GLAND	COAGULATING GLAND	EPIDIDYMIS	LIVER
PITUITARY GLAND	SEMINAL VESICLE	TESTIS	THYMUS
THYROID GLAND			

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**OBSERVATIONS**

DORSAL PROSTATE	INFLAMMATION, CHRONIC	MINIMAL
KIDNEY	CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
PREPUTIAL GLAND	INFLAMMATION, CHRONIC	MINIMAL
	NO MICROSCOPIC CORRELATION	
[ NO MICROSCOPIC CORRELATION TGLS = 1-11 ]		
VENTRAL PROSTATE	INFLAMMATION, CHRONIC	MILD

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 13	<b>TRT#:</b> F0-1	<b>DOSE:</b> 0 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> SD139
<b>GENERATION:</b> F0			<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 3899

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**TISSUE STATUS**

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**No Visible Lesions**

COAGULATING GLAND	DORSAL PROSTATE	EPIDIDYMIS	LIVER
PITUITARY GLAND	SEMINAL VESICLE	TESTIS	THYROID GLAND
VENTRAL PROSTATE			

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**OBSERVATIONS**

ADRENAL GLAND	CORTEX	VACUOLATION	FOCAL, MINIMAL
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
PREPUTIAL GLAND		INFLAMMATION, CHRONIC	MILD
		NO MICROSCOPIC CORRELATION	
THYMUS		HYPERPLASIA	EPITHELIAL, MINIMAL

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 15	<b>TRT#:</b> F0-1	<b>DOSE:</b> 0 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> SD139
<b>GENERATION:</b> F0			<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 3827

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**TISSUE STATUS**

**No Visible Lesions**

ADRENAL GLAND	COAGULATING GLAND	DORSAL PROSTATE	EPIDIDYMIS
LIVER	SEMINAL VESICLE	TESTIS	THYMUS
THYROID GLAND	VENTRAL PROSTATE		

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**LOST AT NECROPSY**

PITUITARY GLAND

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**OBSERVATIONS**

KIDNEY	CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
PREPUTIAL GLAND	INFLAMMATION, CHRONIC	MILD
[ INFLAMMATION, CHRONIC TGLS = 1-11 ]		

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 17	<b>TRT#:</b> F0-1	<b>DOSE:</b> 0 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> SD140
<b>GENERATION:</b> F0			<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 3961

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**TISSUE STATUS**

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**No Visible Lesions**

ADRENAL GLAND	COAGULATING GLAND	DORSAL PROSTATE	EPIDIDYMIS
LIVER	PITUITARY GLAND	SEMINAL VESICLE	TESTIS
THYMUS	THYROID GLAND	VENTRAL PROSTATE	

---

**OBSERVATIONS**

KIDNEY	CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
PREPUTIAL GLAND	INFLAMMATION, CHRONIC	MILD

[ INFLAMMATION, CHRONIC TGLS = 1-11 ]

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 19	<b>TRT#:</b> F0-1	<b>DOSE:</b> 0 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> SD140
<b>GENERATION:</b> F0			<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 3831

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**TISSUE STATUS**

**No Visible Lesions**

ADRENAL GLAND	COAGULATING GLAND	DORSAL PROSTATE	EPIDIDYMIS
LIVER	PITUITARY GLAND	SEMINAL VESICLE	TESTIS
THYMUS	THYROID GLAND	VENTRAL PROSTATE	

---

**OBSERVATIONS**

KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
PREPUTIAL GLAND	BILATERAL	INFLAMMATION, SUPPURATIVE	MILD
[ INFLAMMATION, SUPPURATIVE TGLS = 1-11 ]			

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**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 21	<b>TRT#:</b> F0-1	<b>DOSE:</b> 0 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> SD140
<b>GENERATION:</b> F0			<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 3851

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**TISSUE STATUS**

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**No Visible Lesions**

ADRENAL GLAND	COAGULATING GLAND	DORSAL PROSTATE	EPIDIDYMIS
LIVER	PITUITARY GLAND	SEMINAL VESICLE	THYMUS
THYROID GLAND	VENTRAL PROSTATE		

---

**OBSERVATIONS**

KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
PREPUTIAL GLAND		INFLAMMATION, SUPPURATIVE	MODERATE
[ INFLAMMATION, SUPPURATIVE TGLS = 1-11 ]			
TESTIS	GERMINAL EPITHELIUM	DEGENERATION	MINIMAL

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 23	<b>TRT#:</b> F0-1	<b>DOSE:</b> 0 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> SD140
<b>GENERATION:</b> F0			<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 3963

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**TISSUE STATUS**

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**No Visible Lesions**

ADRENAL GLAND	COAGULATING GLAND	DORSAL PROSTATE	EPIDIDYMIS
LIVER	PITUITARY GLAND	SEMINAL VESICLE	TESTIS
THYMUS	THYROID GLAND	VENTRAL PROSTATE	

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**OBSERVATIONS**

KIDNEY	CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
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**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 25	<b>TRT#:</b> F0-1	<b>DOSE:</b> 0 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> SD140
<b>GENERATION:</b> F0			<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 3999

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**TISSUE STATUS**

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**No Visible Lesions**

ADRENAL GLAND	COAGULATING GLAND	DORSAL PROSTATE	EPIDIDYMIS
LIVER	PITUITARY GLAND	SEMINAL VESICLE	TESTIS
THYMUS	THYROID GLAND	VENTRAL PROSTATE	

---

**OBSERVATIONS**

KIDNEY	CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
PREPUTIAL GLAND	INFLAMMATION, CHRONIC	MINIMAL
	NO MICROSCOPIC CORRELATION	

---

[ NO MICROSCOPIC CORRELATION TGLS = 1-11 ]

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 27	<b>TRT#:</b> F0-1	<b>DOSE:</b> 0 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> SD140
<b>GENERATION:</b> F0			<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 3915

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**TISSUE STATUS**

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**No Visible Lesions**

COAGULATING GLAND	DORSAL PROSTATE	EPIDIDYMIS	LIVER
PITUITARY GLAND	SEMINAL VESICLE	TESTIS	THYMUS
THYROID GLAND	VENTRAL PROSTATE		

---

**OBSERVATIONS**

ADRENAL GLAND	CORTEX	VACUOLATION	FOCAL, MINIMAL
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MILD
PREPUTIAL GLAND		INFLAMMATION, CHRONIC	MINIMAL
		INFLAMMATION, SUPPURATIVE	MILD

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[ INFLAMMATION, CHRONIC TGLS = 1-11 ]

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**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 29	<b>TRT#:</b> F0-1	<b>DOSE:</b> 0 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> SD140
<b>GENERATION:</b> F0			<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 3879

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**TISSUE STATUS**

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**No Visible Lesions**

ADRENAL GLAND	COAGULATING GLAND	DORSAL PROSTATE	EPIDIDYMIS
LIVER	PITUITARY GLAND	SEMINAL VESICLE	TESTIS
THYMUS	THYROID GLAND	VENTRAL PROSTATE	

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**OBSERVATIONS**

KIDNEY	CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
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**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 31	<b>TRT#:</b> F0-1	<b>DOSE:</b> 0 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> SD140
<b>GENERATION:</b> F0			<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 3971

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**TISSUE STATUS**

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**No Visible Lesions**

ADRENAL GLAND	COAGULATING GLAND	DORSAL PROSTATE	LIVER
PITUITARY GLAND	SEMINAL VESICLE	THYMUS	THYROID GLAND
VENTRAL PROSTATE			

---

**OBSERVATIONS**

EPIDIDYMIS	DUCT	EXFOLIATED GERM CELL SPERM GRANULOMA	MINIMAL MODERATE
[ SPERM GRANULOMA TGLS = 1-12 ]			
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
PREPUTIAL GLAND		INFLAMMATION, CHRONIC	MILD
[ INFLAMMATION, CHRONIC TGLS = 2-11 ]			
TESTIS	GERMINAL EPITHELIUM	DEGENERATION	MINIMAL

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 33	<b>TRT#:</b> F0-1	<b>DOSE:</b> 0 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> SD141
<b>GENERATION:</b> F0			<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 3835

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**TISSUE STATUS**

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**No Visible Lesions**

ADRENAL GLAND	COAGULATING GLAND	DORSAL PROSTATE	EPIDIDYMIS
LIVER	PITUITARY GLAND	SEMINAL VESICLE	TESTIS
THYMUS	THYROID GLAND		

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**OBSERVATIONS**

KIDNEY	CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
VENTRAL PROSTATE	INFILTRATION CELLULAR	LYMPHOCYTE, MINIMAL

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 35	<b>TRT#:</b> F0-1	<b>DOSE:</b> 0 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> SD141
<b>GENERATION:</b> F0			<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 3959

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**TISSUE STATUS**

**No Visible Lesions**

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ADRENAL GLAND	COAGULATING GLAND	DORSAL PROSTATE	EPIDIDYMIS
LIVER	PITUITARY GLAND	SEMINAL VESICLE	TESTIS
THYMUS	THYROID GLAND		

---

**OBSERVATIONS**

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KIDNEY	CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
VENTRAL PROSTATE	INFLAMMATION, CHRONIC	MINIMAL

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 37	<b>TRT#:</b> F0-1	<b>DOSE:</b> 0 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> SD141
<b>GENERATION:</b> F0			<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 3883

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**TISSUE STATUS**

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**No Visible Lesions**

ADRENAL GLAND	COAGULATING GLAND	DORSAL PROSTATE	EPIDIDYMIS
LIVER	PITUITARY GLAND	SEMINAL VESICLE	TESTIS
THYMUS	THYROID GLAND	VENTRAL PROSTATE	

---

**OBSERVATIONS**

KIDNEY		DYSPLASIA	MILD
	PAPILLA	MINERAL	MINIMAL
[ DYSPLASIA TGLS = 1-2 ]			
PREPUTIAL GLAND		NO MICROSCOPIC CORRELATION	
[ NO MICROSCOPIC CORRELATION TGLS = 2-11 ]			

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**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 39	<b>TRT#:</b> F0-1	<b>DOSE:</b> 0 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> SD141
<b>GENERATION:</b> F0			<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 3823

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**TISSUE STATUS**

**No Visible Lesions**

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ADRENAL GLAND	COAGULATING GLAND	DORSAL PROSTATE	EPIDIDYMIS
LIVER	PITUITARY GLAND	SEMINAL VESICLE	TESTIS
THYMUS	THYROID GLAND		

---

**OBSERVATIONS**

---

KIDNEY	CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
VENTRAL PROSTATE	INFILTRATION CELLULAR	LYMPHOCYTE, MINIMAL

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 41	<b>TRT#:</b> F0-1	<b>DOSE:</b> 0 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> SD141
<b>GENERATION:</b> F0			<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 3919

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**TISSUE STATUS**

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**No Visible Lesions**

ADRENAL GLAND	COAGULATING GLAND	DORSAL PROSTATE	EPIDIDYMIS
LIVER	PITUITARY GLAND	SEMINAL VESICLE	TESTIS
THYMUS	THYROID GLAND	VENTRAL PROSTATE	

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**OBSERVATIONS**

KIDNEY	CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
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**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 43	<b>TRT#:</b> F0-1	<b>DOSE:</b> 0 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> SD141
<b>GENERATION:</b> F0			<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 3867

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**TISSUE STATUS**

---

**No Visible Lesions**

ADRENAL GLAND	COAGULATING GLAND	DORSAL PROSTATE	EPIDIDYMIS
LIVER	PITUITARY GLAND	SEMINAL VESICLE	TESTIS
THYROID GLAND			

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**OBSERVATIONS**

KIDNEY	CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
THYMUS	HYPERPLASIA	EPITHELIAL, MINIMAL
VENTRAL PROSTATE	INFILTRATION CELLULAR	LYMPHOCYTE, MINIMAL

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 45	<b>TRT#:</b> F0-1	<b>DOSE:</b> 0 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> SD141
<b>GENERATION:</b> F0			<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 3923

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**TISSUE STATUS**

---

**No Visible Lesions**

ADRENAL GLAND	COAGULATING GLAND	DORSAL PROSTATE	LIVER
PITUITARY GLAND	SEMINAL VESICLE	THYMUS	THYROID GLAND
VENTRAL PROSTATE			

---

**OBSERVATIONS**

EPIDIDYMIS	DUCT	EXFOLIATED GERM CELL	MINIMAL
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
TESTIS	GERMINAL EPITHELIUM	DEGENERATION	MINIMAL

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 65	<b>TRT#:</b> F0-2	<b>DOSE:</b> 1000 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> SD140
<b>GENERATION:</b> F0			<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 3941

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**OBSERVATIONS**

PREPUTIAL GLAND

INFLAMMATION, SUPPURATIVE

MILD

[ INFLAMMATION, SUPPURATIVE TGLS = 1-11 ]

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**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 67	<b>TRT#:</b> F0-2	<b>DOSE:</b> 1000 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> SD140
<b>GENERATION:</b> F0			<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 3873

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**OBSERVATIONS**

PREPUTIAL GLAND

INFLAMMATION, CHRONIC

MINIMAL

[ INFLAMMATION, CHRONIC TGLS = 1-11 ]

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 69	<b>TRT#:</b> F0-2	<b>DOSE:</b> 1000 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> SD140
<b>GENERATION:</b> F0			<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 3935

---

**OBSERVATIONS**

PREPUTIAL GLAND

NO MICROSCOPIC CORRELATION

[ NO MICROSCOPIC CORRELATION TGLS = 1-11 ]

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 77	<b>TRT#:</b> F0-2	<b>DOSE:</b> 1000 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> SD141
<b>GENERATION:</b> F0			<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 4015

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**OBSERVATIONS**

PREPUTIAL GLAND	BILATERAL	INFLAMMATION, SUPPURATIVE	MODERATE
[ INFLAMMATION, SUPPURATIVE TGLS = 1-11 ]			

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**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 79	<b>TRT#:</b> F0-2	<b>DOSE:</b> 1000 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> SD141
<b>GENERATION:</b> F0			<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 3977

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**OBSERVATIONS**

PREPUTIAL GLAND

INFLAMMATION, CHRONIC

MINIMAL

[ INFLAMMATION, CHRONIC TGLS = 1-11 ]

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**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 81	<b>TRT#:</b> F0-2	<b>DOSE:</b> 1000 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> SD141
<b>GENERATION:</b> F0			<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 3997

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**OBSERVATIONS**

PREPUTIAL GLAND

INFLAMMATION, CHRONIC

MINIMAL

[ INFLAMMATION, CHRONIC TGLS = 1-11 ]

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**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 83	<b>TRT#:</b> F0-2	<b>DOSE:</b> 1000 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> SD141
<b>GENERATION:</b> F0			<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 3825

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**OBSERVATIONS**

PREPUTIAL GLAND	BILATERAL	INFLAMMATION, SUPPURATIVE	MILD
[ INFLAMMATION, SUPPURATIVE TGLS = 1-11 ]			

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**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 85	<b>TRT#:</b> F0-2	<b>DOSE:</b> 1000 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> SD141
<b>GENERATION:</b> F0			<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 3805

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**OBSERVATIONS**

PREPUTIAL GLAND

INFLAMMATION, CHRONIC

MINIMAL

[ INFLAMMATION, CHRONIC TGLS = 1-11 ]

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**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 89	<b>TRT#:</b> F0-2	<b>DOSE:</b> 1000 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> SD141
<b>GENERATION:</b> F0			<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 3985

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**OBSERVATIONS**

PREPUTIAL GLAND

INFLAMMATION, CHRONIC

MILD

[ INFLAMMATION, CHRONIC TGLS = 1-11 ]

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**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 91	<b>TRT#:</b> F0-2	<b>DOSE:</b> 1000 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> SD141
<b>GENERATION:</b> F0			<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 3865

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**OBSERVATIONS**

PREPUTIAL GLAND

INFLAMMATION, CHRONIC

MINIMAL

[ INFLAMMATION, CHRONIC TGLS = 1-11 ]

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**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 101	<b>TRT#:</b> F0-3	<b>DOSE:</b> 5000 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> SD139
<b>GENERATION:</b> F0			<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 3885

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**OBSERVATIONS**

PREPUTIAL GLAND

INFLAMMATION, CHRONIC

MINIMAL

[ INFLAMMATION, CHRONIC TGLS = 1-11 ]

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**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 105	<b>TRT#:</b> F0-3	<b>DOSE:</b> 5000 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> SD139
<b>GENERATION:</b> F0			<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 3907

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**OBSERVATIONS**

PREPUTIAL GLAND	BILATERAL	INFLAMMATION, SUPPURATIVE	MODERATE
[ INFLAMMATION, SUPPURATIVE TGLS = 1-11 ]			

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**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 115	<b>TRT#:</b> F0-3	<b>DOSE:</b> 5000 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> SD140
<b>GENERATION:</b> F0			<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 3995

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**OBSERVATIONS**

SKIN

ULCERATION

MILD

[ ULCERATION TGLS = 1-11,2-11 ]

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**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 123	<b>TRT#:</b> F0-3	<b>DOSE:</b> 5000 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> SD141
<b>GENERATION:</b> F0			<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 3849

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**OBSERVATIONS**

PREPUTIAL GLAND	BILATERAL	INFLAMMATION, SUPPURATIVE	MODERATE
[ INFLAMMATION, SUPPURATIVE TGLS = 1-11 ]			

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**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

**ANIMAL ID:** 133  
**GENERATION:** F0

**TRT#:** F0-3

**DOSE:** 5000 ppm

**SEX:** Male

**REMOVAL DAY:** SD141

**DISP:** Scheduled Removal (Terminal)

**HISTO:** 3809

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**OBSERVATIONS**

EYE

NO MICROSCOPIC FINDING RECORDED

[ NO MICROSCOPIC FINDING RECORDED TGLS = 1 ]

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**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 137	<b>TRT#:</b> F0-3	<b>DOSE:</b> 5000 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> SD141
<b>GENERATION:</b> F0			<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 3837

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**OBSERVATIONS**

PREPUTIAL GLAND

INFLAMMATION, CHRONIC

MILD

[ INFLAMMATION, CHRONIC TGLS = 1-11 ]

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**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

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<b>ANIMAL ID:</b> 139	<b>TRT#:</b> F0-4	<b>DOSE:</b> 10000 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> SD139
<b>GENERATION:</b> F0			<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 3841

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**TISSUE STATUS**

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**No Visible Lesions**

ADRENAL GLAND	COAGULATING GLAND	DORSAL PROSTATE	EPIDIDYMIS
LIVER	PITUITARY GLAND	SEMINAL VESICLE	TESTIS
THYMUS	THYROID GLAND	VENTRAL PROSTATE	

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**OBSERVATIONS**

KIDNEY	CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
	INFARCT	MINIMAL
	INFLAMMATION	INTERSTITIAL, MINIMAL

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 141	<b>TRT#:</b> F0-4	<b>DOSE:</b> 10000 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> SD139
<b>GENERATION:</b> F0			<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 3937

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**TISSUE STATUS**

---

**No Visible Lesions**

ADRENAL GLAND	COAGULATING GLAND	DORSAL PROSTATE	EPIDIDYMIS
LIVER	PITUITARY GLAND	SEMINAL VESICLE	TESTIS
THYMUS	THYROID GLAND		

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**OBSERVATIONS**

KIDNEY	CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
VENTRAL PROSTATE	INFLAMMATION, CHRONIC	MINIMAL

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 143	<b>TRT#:</b> F0-4	<b>DOSE:</b> 10000 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> SD139
<b>GENERATION:</b> F0			<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 3807

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**TISSUE STATUS**

**No Visible Lesions**

ADRENAL GLAND	COAGULATING GLAND	DORSAL PROSTATE	EPIDIDYMIS
LIVER	PITUITARY GLAND	SEMINAL VESICLE	TESTIS
THYMUS	THYROID GLAND	VENTRAL PROSTATE	

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**OBSERVATIONS**

KIDNEY	CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
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**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 145	<b>TRT#:</b> F0-4	<b>DOSE:</b> 10000 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> SD139
<b>GENERATION:</b> F0			<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 4003

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**TISSUE STATUS**

**No Visible Lesions**

ADRENAL GLAND	COAGULATING GLAND	DORSAL PROSTATE	EPIDIDYMIS
LIVER	PITUITARY GLAND	SEMINAL VESICLE	TESTIS
THYMUS	THYROID GLAND	VENTRAL PROSTATE	

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**OBSERVATIONS**

KIDNEY	CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
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**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 147	<b>TRT#:</b> F0-4	<b>DOSE:</b> 10000 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> SD139
<b>GENERATION:</b> F0			<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 3821

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**TISSUE STATUS**

**No Visible Lesions**

ADRENAL GLAND	COAGULATING GLAND	DORSAL PROSTATE	EPIDIDYMIS
LIVER	PITUITARY GLAND	SEMINAL VESICLE	TESTIS
THYMUS	THYROID GLAND	VENTRAL PROSTATE	

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**OBSERVATIONS**

KIDNEY	CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
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**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

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<b>ANIMAL ID:</b> 149	<b>TRT#:</b> F0-4	<b>DOSE:</b> 10000 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> SD139
<b>GENERATION:</b> F0			<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 3953

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**TISSUE STATUS**

**No Visible Lesions**

ADRENAL GLAND	COAGULATING GLAND	DORSAL PROSTATE	EPIDIDYMIS
LIVER	SEMINAL VESICLE	TESTIS	THYMUS
THYROID GLAND	VENTRAL PROSTATE		

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**OBSERVATIONS**

KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
PITUITARY GLAND	PARS DISTALIS	CYST	

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**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 151	<b>TRT#:</b> F0-4	<b>DOSE:</b> 10000 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> SD139
<b>GENERATION:</b> F0			<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 4009

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**TISSUE STATUS**

**No Visible Lesions**

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ADRENAL GLAND	COAGULATING GLAND	DORSAL PROSTATE	EPIDIDYMIS
PITUITARY GLAND	SEMINAL VESICLE	THYMUS	THYROID GLAND
VENTRAL PROSTATE			

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**OBSERVATIONS**

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KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER		INFLAMMATION	FOCAL, MINIMAL
TESTIS	GERMINAL EPITHELIUM	DEGENERATION	MINIMAL

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 153	<b>TRT#:</b> F0-4	<b>DOSE:</b> 10000 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> SD139
<b>GENERATION:</b> F0			<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 3881

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**TISSUE STATUS**

---

**No Visible Lesions**

ADRENAL GLAND	COAGULATING GLAND	DORSAL PROSTATE	EPIDIDYMIS
LIVER	PITUITARY GLAND	SEMINAL VESICLE	TESTIS
THYMUS	THYROID GLAND	VENTRAL PROSTATE	

---

**OBSERVATIONS**

KIDNEY	CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
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---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 155	<b>TRT#:</b> F0-4	<b>DOSE:</b> 10000 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> SD140
<b>GENERATION:</b> F0			<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 4021

---

**TISSUE STATUS**

**No Visible Lesions**

ADRENAL GLAND	COAGULATING GLAND	DORSAL PROSTATE	EPIDIDYMIS
LIVER	PITUITARY GLAND	SEMINAL VESICLE	TESTIS
THYMUS	THYROID GLAND	VENTRAL PROSTATE	

---

**OBSERVATIONS**

KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
	PELVIS	MINERAL	MINIMAL

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 157	<b>TRT#:</b> F0-4	<b>DOSE:</b> 10000 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> SD140
<b>GENERATION:</b> F0			<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 4005

---

**TISSUE STATUS**

---

**No Visible Lesions**

ADRENAL GLAND	COAGULATING GLAND	DORSAL PROSTATE	LIVER
PITUITARY GLAND	SEMINAL VESICLE	THYMUS	THYROID GLAND
VENTRAL PROSTATE			

---

**OBSERVATIONS**

EPIDIDYMIS	DUCT	EXFOLIATED GERM CELL	MINIMAL
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
PREPUTIAL GLAND		INFLAMMATION, CHRONIC	MILD
[ INFLAMMATION, CHRONIC TGLS = 1-11 ]			
TESTIS	GERMINAL EPITHELIUM	DEGENERATION	MINIMAL

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 159	<b>TRT#:</b> F0-4	<b>DOSE:</b> 10000 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> SD140
<b>GENERATION:</b> F0			<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 4013

---

**TISSUE STATUS**

**No Visible Lesions**

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ADRENAL GLAND	COAGULATING GLAND	DORSAL PROSTATE	EPIDIDYMIS
LIVER	PITUITARY GLAND	SEMINAL VESICLE	THYMUS
THYROID GLAND	VENTRAL PROSTATE		

---

**OBSERVATIONS**

---

KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
PREPUTIAL GLAND	BILATERAL	INFLAMMATION, SUPPURATIVE	MODERATE
[ INFLAMMATION, SUPPURATIVE TGLS = 1-11,2-11 ]			
TESTIS	GERMINAL EPITHELIUM	DEGENERATION	MINIMAL

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 161	<b>TRT#:</b> F0-4	<b>DOSE:</b> 10000 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> SD140
<b>GENERATION:</b> F0			<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 4001

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**TISSUE STATUS**

---

**No Visible Lesions**

ADRENAL GLAND	BLOOD VESSEL	COAGULATING GLAND	DORSAL PROSTATE
EPIDIDYMIS	PITUITARY GLAND	SEMINAL VESICLE	TESTIS
THYMUS	THYROID GLAND	VENTRAL PROSTATE	

---

**OBSERVATIONS**

KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MILD
LIVER	BILE DUCT	HYPERPLASIA	MINIMAL
	HEPATOCYTE	NECROSIS	MINIMAL
PREPUTIAL GLAND	BILATERAL	INFLAMMATION, SUPPURATIVE	MODERATE

[ INFLAMMATION, SUPPURATIVE TGLS = 1-11 ]

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 163	<b>TRT#:</b> F0-4	<b>DOSE:</b> 10000 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> SD140
<b>GENERATION:</b> F0			<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 3895

---

**TISSUE STATUS**

**No Visible Lesions**

ADRENAL GLAND	COAGULATING GLAND	DORSAL PROSTATE	LIVER
SEMINAL VESICLE	THYMUS	THYROID GLAND	VENTRAL PROSTATE

---

**NOT PRESENT**

PITUITARY GLAND

---

**OBSERVATIONS**

EPIDIDYMIS	DUCT	EXFOLIATED GERM CELL	MINIMAL
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
TESTIS	GERMINAL EPITHELIUM	DEGENERATION	MINIMAL

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 165	<b>TRT#:</b> F0-4	<b>DOSE:</b> 10000 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> SD140
<b>GENERATION:</b> F0			<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 3955

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**TISSUE STATUS**

---

**No Visible Lesions**

ADRENAL GLAND	COAGULATING GLAND	DORSAL PROSTATE	EPIDIDYMIS
PITUITARY GLAND	SEMINAL VESICLE	TESTIS	THYMUS
THYROID GLAND	VENTRAL PROSTATE		

---

**OBSERVATIONS**

KIDNEY	CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER	INFLAMMATION	FOCAL, MINIMAL
PREPUTIAL GLAND	INFLAMMATION, CHRONIC	MILD

[ INFLAMMATION, CHRONIC TGLS = 1-11 ]

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 167	<b>TRT#:</b> F0-4	<b>DOSE:</b> 10000 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> SD140
<b>GENERATION:</b> F0			<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 3845

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**TISSUE STATUS**

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**No Visible Lesions**

ADRENAL GLAND	COAGULATING GLAND	DORSAL PROSTATE	LIVER
SEMINAL VESICLE	THYMUS	THYROID GLAND	VENTRAL PROSTATE

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**OBSERVATIONS**

EPIDIDYMIS		MINERAL	MARKED
		NECROSIS	MARKED
[ MINERAL TGLS = 1-11 ]			
[ NECROSIS TGLS = 1-11 ]			
FAT		INFLAMMATION, CHRONIC	MILD
[ INFLAMMATION, CHRONIC TGLS = 2-12,3-12 ]			
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
PITUITARY GLAND	RATHKE'S CLEFT	DILATION	MILD
TESTIS	SEMINIFEROUS TUBULE	MINERAL	MARKED
	SEMINIFEROUS TUBULE	NECROSIS	MARKED
[ MINERAL TGLS = 4-13,5-13 ]			
[ NECROSIS TGLS = 4-13,5-13 ]			

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 169	<b>TRT#:</b> F0-4	<b>DOSE:</b> 10000 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> SD140
<b>GENERATION:</b> F0			<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 3921

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**TISSUE STATUS**

**No Visible Lesions**

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ADRENAL GLAND	COAGULATING GLAND	DORSAL PROSTATE	EPIDIDYMIS
LIVER	PITUITARY GLAND	SEMINAL VESICLE	TESTIS
THYMUS	THYROID GLAND	VENTRAL PROSTATE	

---

**OBSERVATIONS**

---

KIDNEY	CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
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**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 171	<b>TRT#:</b> F0-4	<b>DOSE:</b> 10000 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> SD141
<b>GENERATION:</b> F0			<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 3901

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**TISSUE STATUS**

**No Visible Lesions**

ADRENAL GLAND	COAGULATING GLAND	DORSAL PROSTATE	EPIDIDYMIS
LIVER	PITUITARY GLAND	SEMINAL VESICLE	TESTIS
THYMUS	THYROID GLAND	VENTRAL PROSTATE	

---

**OBSERVATIONS**

KIDNEY	CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
PREPUTIAL GLAND	INFLAMMATION, CHRONIC	MILD

[ INFLAMMATION, CHRONIC TGLS = 1-11 ]

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 173	<b>TRT#:</b> F0-4	<b>DOSE:</b> 10000 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> SD141
<b>GENERATION:</b> F0			<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 3947

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**TISSUE STATUS**

---

**No Visible Lesions**

ADRENAL GLAND	COAGULATING GLAND	DORSAL PROSTATE	EPIDIDYMIS
LIVER	PITUITARY GLAND	SEMINAL VESICLE	TESTIS
THYMUS	THYROID GLAND	VENTRAL PROSTATE	

---

**OBSERVATIONS**

KIDNEY	CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
PREPUTIAL GLAND	INFLAMMATION, CHRONIC	MINIMAL

[ INFLAMMATION, CHRONIC TGLS = 1-11 ]

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 175	<b>TRT#:</b> F0-4	<b>DOSE:</b> 10000 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> SD141
<b>GENERATION:</b> F0			<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 3847

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**TISSUE STATUS**

---

**No Visible Lesions**

COAGULATING GLAND	DORSAL PROSTATE	EPIDIDYMIS	LIVER
PITUITARY GLAND	SEMINAL VESICLE	TESTIS	THYMUS
THYROID GLAND			

---

**OBSERVATIONS**

ADRENAL GLAND	CORTEX	VACUOLATION	DIFFUSE, MILD
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
PREPUTIAL GLAND		INFLAMMATION, CHRONIC	MILD
[ INFLAMMATION, CHRONIC TGLS = 1-11 ]			
VENTRAL PROSTATE		INFLAMMATION, CHRONIC-ACTIVE	MINIMAL

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 177	<b>TRT#:</b> F0-4	<b>DOSE:</b> 10000 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> SD141
<b>GENERATION:</b> F0			<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 3981

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**TISSUE STATUS**

**No Visible Lesions**

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ADRENAL GLAND	COAGULATING GLAND	DORSAL PROSTATE	EPIDIDYMIS
KIDNEY	LIVER	PITUITARY GLAND	SEMINAL VESICLE
TESTIS	THYMUS	THYROID GLAND	

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**OBSERVATIONS**

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VENTRAL PROSTATE	INFLAMMATION, CHRONIC	MINIMAL
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**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 179	<b>TRT#:</b> F0-4	<b>DOSE:</b> 10000 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> SD141
<b>GENERATION:</b> F0			<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 3993

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**TISSUE STATUS**

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**No Visible Lesions**

ADRENAL GLAND	COAGULATING GLAND	DORSAL PROSTATE	EPIDIDYMIS
LIVER	PITUITARY GLAND	SEMINAL VESICLE	TESTIS
THYROID GLAND	VENTRAL PROSTATE		

---

**OBSERVATIONS**

KIDNEY	CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
PREPUTIAL GLAND	INFLAMMATION, CHRONIC	MILD
[ INFLAMMATION, CHRONIC TGLS = 1-11 ]		
SKIN	ULCERATION	MODERATE
[ ULCERATION TGLS = 2-12,3-12 ]		
THYMUS	HYPERPLASIA	EPITHELIAL, MINIMAL

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 181	<b>TRT#:</b> F0-4	<b>DOSE:</b> 10000 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> SD141
<b>GENERATION:</b> F0			<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 3889

---

**TISSUE STATUS**

**No Visible Lesions**

ADRENAL GLAND	COAGULATING GLAND	DORSAL PROSTATE	EPIDIDYMIS
LIVER	PITUITARY GLAND	SEMINAL VESICLE	TESTIS
THYMUS	THYROID GLAND	VENTRAL PROSTATE	

---

**OBSERVATIONS**

KIDNEY	CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
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**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 183	<b>TRT#:</b> F0-4	<b>DOSE:</b> 10000 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> SD141
<b>GENERATION:</b> F0			<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 3989

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**TISSUE STATUS**

---

**No Visible Lesions**

ADRENAL GLAND	COAGULATING GLAND	DORSAL PROSTATE	EPIDIDYMIS
PITUITARY GLAND	SEMINAL VESICLE	THYMUS	THYROID GLAND
VENTRAL PROSTATE			

---

**OBSERVATIONS**

KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER		INFLAMMATION	FOCAL, MINIMAL
PREPUTIAL GLAND		INFLAMMATION, CHRONIC	MINIMAL
[ INFLAMMATION, CHRONIC TGLS = 1-11 ]			
TESTIS	GERMINAL EPITHELIUM	DEGENERATION	MINIMAL

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 2	<b>TRT#:</b> F0-1	<b>DOSE:</b> 0 ppm	<b>SEX:</b> Female	<b>REMOVAL DAY:</b> SD176
<b>GENERATION:</b> F0			<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 4012

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**TISSUE STATUS**

---

**No Visible Lesions**

ADRENAL GLAND	CERVIX	LIVER	OVARY
PITUITARY GLAND	THYMUS	THYROID GLAND	UTERUS
VAGINA			

---

**OBSERVATIONS**

KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
	CORTICOMEDULLARY JUNCTION	MINERAL	MINIMAL

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 4	<b>TRT#:</b> F0-1	<b>DOSE:</b> 0 ppm	<b>SEX:</b> Female	<b>REMOVAL DAY:</b> SD176
<b>GENERATION:</b> F0			<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 4014

---

**TISSUE STATUS**

---

**No Visible Lesions**

ADRENAL GLAND	CERVIX	LIVER	PITUITARY GLAND
THYMUS	THYROID GLAND	UTERUS	VAGINA

---

**OBSERVATIONS**

KIDNEY	CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
OVARY	CYST	

---

[ CYST TGLS = 1-9 ]

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 6	<b>TRT#:</b> F0-1	<b>DOSE:</b> 0 ppm	<b>SEX:</b> Female	<b>REMOVAL DAY:</b> SD176
<b>GENERATION:</b> F0			<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 3960

---

**TISSUE STATUS**

---

**No Visible Lesions**

ADRENAL GLAND	CERVIX	LIVER	OVARY
PITUITARY GLAND	THYMUS	THYROID GLAND	UTERUS
VAGINA			

---

**OBSERVATIONS**

KIDNEY	CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
--------	---------------------------------	---------

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**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 8	<b>TRT#:</b> F0-1	<b>DOSE:</b> 0 ppm	<b>SEX:</b> Female	<b>REMOVAL DAY:</b> SD176
<b>GENERATION:</b> F0			<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 3904

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**TISSUE STATUS**

---

**No Visible Lesions**

CERVIX	LIVER	OVARY	PITUITARY GLAND
THYMUS	THYROID GLAND	VAGINA	

---

**OBSERVATIONS**

ADRENAL GLAND	CORTEX	VACUOLATION	FOCAL, MILD
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
		NEPHROBLASTEMATOSIS	MILD
UTERUS	ENDOMETRIUM	HYPERPLASIA	CYSTIC, MINIMAL

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 10	<b>TRT#:</b> F0-1	<b>DOSE:</b> 0 ppm	<b>SEX:</b> Female	<b>REMOVAL DAY:</b> SD176
<b>GENERATION:</b> F0			<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 3902

---

**TISSUE STATUS**

---

**No Visible Lesions**

ADRENAL GLAND	CERVIX	LIVER	OVARY
PITUITARY GLAND	UTERUS	VAGINA	

---

**OBSERVATIONS**

FAT		NECROSIS	MILD
[ NECROSIS TGLS = 1-10 ]			
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MILD
	CORTICOMEDULLARY JUNCTION	MINERAL	MINIMAL
THYMUS		HYPERPLASIA	EPITHELIAL, MINIMAL
THYROID GLAND	C-CELL	HYPERPLASIA	MINIMAL

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 12	<b>TRT#:</b> F0-1	<b>DOSE:</b> 0 ppm	<b>SEX:</b> Female	<b>REMOVAL DAY:</b> SD176
<b>GENERATION:</b> F0			<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 3926

---

**TISSUE STATUS**

---

**No Visible Lesions**

ADRENAL GLAND	CERVIX	LIVER	OVARY
PITUITARY GLAND	THYMUS	THYROID GLAND	VAGINA

---

**OBSERVATIONS**

KIDNEY	CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
UTERUS	DILATION	MILD

---

[ DILATION TGLS = 1-7 ]

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 14	<b>TRT#:</b> F0-1	<b>DOSE:</b> 0 ppm	<b>SEX:</b> Female	<b>REMOVAL DAY:</b> SD154
<b>GENERATION:</b> F0			<b>DISP:</b> Euthanized Moribund	<b>HISTO:</b> 3816

---

**TISSUE STATUS**

---

**No Visible Lesions**

ADRENAL GLAND	CERVIX	LIVER	OVARY
PITUITARY GLAND	THYMUS	THYROID GLAND	UTERUS
VAGINA			

---

**OBSERVATIONS**

CLITORAL GLAND		INFLAMMATION, SUPPURATIVE	MARKED
[ INFLAMMATION, SUPPURATIVE TGLS = 1-11 ]			
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
	CORTICOMEDULLARY JUNCTION	MINERAL	MINIMAL

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 16	<b>TRT#:</b> F0-1	<b>DOSE:</b> 0 ppm	<b>SEX:</b> Female	<b>REMOVAL DAY:</b> SD176
<b>GENERATION:</b> F0			<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 3838

---

**TISSUE STATUS**

---

**No Visible Lesions**

ADRENAL GLAND	CERVIX	LIVER	OVARY
PITUITARY GLAND	THYMUS	THYROID GLAND	UTERUS
VAGINA			

---

**OBSERVATIONS**

KIDNEY	CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
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---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 18	<b>TRT#:</b> F0-1	<b>DOSE:</b> 0 ppm	<b>SEX:</b> Female	<b>REMOVAL DAY:</b> SD176
<b>GENERATION:</b> F0			<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 3956

---

**TISSUE STATUS**

---

**No Visible Lesions**

ADRENAL GLAND	CERVIX	LIVER	OVARY
PITUITARY GLAND	THYMUS	THYROID GLAND	UTERUS
VAGINA			

---

**OBSERVATIONS**

KIDNEY	CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
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---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 20	<b>TRT#:</b> F0-1	<b>DOSE:</b> 0 ppm	<b>SEX:</b> Female	<b>REMOVAL DAY:</b> SD152
<b>GENERATION:</b> F0			<b>DISP:</b> Euthanized Moribund	<b>HISTO:</b> 4016

---

**TISSUE STATUS**

---

**No Visible Lesions**

ADRENAL GLAND	CERVIX	LIVER	OVARY
PITUITARY GLAND	THYMUS	THYROID GLAND	UTERUS
VAGINA			

---

**OBSERVATIONS**

KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
	CORTICOMEDULLARY JUNCTION	MINERAL	MINIMAL
MAMMARY GLAND		ADENOCARCINOMA	
[ ADENOCARCINOMA TGLS = 1-10 ]			

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 22	<b>TRT#:</b> F0-1	<b>DOSE:</b> 0 ppm	<b>SEX:</b> Female	<b>REMOVAL DAY:</b> SD176
<b>GENERATION:</b> F0			<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 3942

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**TISSUE STATUS**

---

**No Visible Lesions**

ADRENAL GLAND	CERVIX	LIVER	PITUITARY GLAND
THYMUS	THYROID GLAND	UTERUS	VAGINA

---

**OBSERVATIONS**

KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
	CORTICOMEDULLARY JUNCTION	MINERAL	MILD
OVARY		CYST	

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 24	<b>TRT#:</b> F0-1	<b>DOSE:</b> 0 ppm	<b>SEX:</b> Female	<b>REMOVAL DAY:</b> SD176
<b>GENERATION:</b> F0			<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 3888

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**TISSUE STATUS**

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**No Visible Lesions**

ADRENAL GLAND	CERVIX	KIDNEY	LIVER
OVARY	PITUITARY GLAND	THYMUS	THYROID GLAND
UTERUS	VAGINA		

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 26	<b>TRT#:</b> F0-1	<b>DOSE:</b> 0 ppm	<b>SEX:</b> Female	<b>REMOVAL DAY:</b> SD177
<b>GENERATION:</b> F0			<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 3970

---

**TISSUE STATUS**

---

**No Visible Lesions**

ADRENAL GLAND	CERVIX	LIVER	OVARY
PITUITARY GLAND	THYMUS	THYROID GLAND	VAGINA

---

**OBSERVATIONS**

KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
UTERUS	ENDOMETRIUM	METAPLASIA	SQUAMOUS, MINIMAL

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 28	<b>TRT#:</b> F0-1	<b>DOSE:</b> 0 ppm	<b>SEX:</b> Female	<b>REMOVAL DAY:</b> SD177
<b>GENERATION:</b> F0			<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 3874

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**TISSUE STATUS**

---

**No Visible Lesions**

ADRENAL GLAND	CERVIX	KIDNEY	LIVER
OVARY	PITUITARY GLAND	THYMUS	THYROID GLAND
UTERUS	VAGINA		

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 30	<b>TRT#:</b> F0-1	<b>DOSE:</b> 0 ppm	<b>SEX:</b> Female	<b>REMOVAL DAY:</b> SD177
<b>GENERATION:</b> F0			<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 3880

---

**TISSUE STATUS**

---

**No Visible Lesions**

ADRENAL GLAND	CERVIX	LIVER	OVARY
PITUITARY GLAND	THYMUS	THYROID GLAND	VAGINA

---

**OBSERVATIONS**

KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
	CORTICOMEDULLARY JUNCTION	MINERAL	MINIMAL
UTERUS	ENDOMETRIUM	HYPERPLASIA	CYSTIC, MINIMAL

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 32	<b>TRT#:</b> F0-1	<b>DOSE:</b> 0 ppm	<b>SEX:</b> Female	<b>REMOVAL DAY:</b> SD177
<b>GENERATION:</b> F0			<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 3978

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**TISSUE STATUS**

---

**No Visible Lesions**

ADRENAL GLAND	CERVIX	OVARY	PITUITARY GLAND
THYMUS	THYROID GLAND	UTERUS	VAGINA

---

**OBSERVATIONS**

KIDNEY	CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER	INFLAMMATION	FOCAL, MINIMAL

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 34	<b>TRT#:</b> F0-1	<b>DOSE:</b> 0 ppm	<b>SEX:</b> Female	<b>REMOVAL DAY:</b> SD177
<b>GENERATION:</b> F0			<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 3900

---

**TISSUE STATUS**

---

**No Visible Lesions**

ADRENAL GLAND	CERVIX	KIDNEY	LIVER
PITUITARY GLAND	THYROID GLAND	UTERUS	VAGINA

---

**OBSERVATIONS**

OVARY	CYST		
[ CYST TGLS = 1-8 ]			
THYMUS	HYPERPLASIA		EPITHELIAL, MINIMAL

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 36	<b>TRT#:</b> F0-1	<b>DOSE:</b> 0 ppm	<b>SEX:</b> Female	<b>REMOVAL DAY:</b> SD177
<b>GENERATION:</b> F0			<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 3944

---

**TISSUE STATUS**

---

**No Visible Lesions**

ADRENAL GLAND	CERVIX	LIVER	OVARY
PITUITARY GLAND	THYMUS	THYROID GLAND	UTERUS
VAGINA			

---

**OBSERVATIONS**

KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
	CORTICOMEDULLARY JUNCTION	MINERAL	MINIMAL
SKIN	HAIR FOLLICLE	INFLAMMATION, CHRONIC	MINIMAL

[ INFLAMMATION, CHRONIC TGLS = 1-11 ]

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 38	<b>TRT#:</b> F0-1	<b>DOSE:</b> 0 ppm	<b>SEX:</b> Female	<b>REMOVAL DAY:</b> SD176
<b>GENERATION:</b> F0			<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 3976

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**TISSUE STATUS**

---

**No Visible Lesions**

ADRENAL GLAND	CERVIX	KIDNEY	LIVER
OVARY	PITUITARY GLAND	THYMUS	THYROID GLAND
UTERUS	VAGINA		

---

**OBSERVATIONS**

MAMMARY GLAND	FIBROADENOMA
[ FIBROADENOMA TGLS = 1-10 ]	

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 40	<b>TRT#:</b> F0-1	<b>DOSE:</b> 0 ppm	<b>SEX:</b> Female	<b>REMOVAL DAY:</b> SD177
<b>GENERATION:</b> F0			<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 3920

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**TISSUE STATUS**

---

**No Visible Lesions**

ADRENAL GLAND	LIVER	OVARY	PITUITARY GLAND
THYMUS	THYROID GLAND		

---

**NOT PRESENT**

CERVIX	UTERUS	VAGINA
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---

**OBSERVATIONS**

KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
	CORTICOMEDULLARY JUNCTION	MINERAL	MINIMAL

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 42	<b>TRT#:</b> F0-1	<b>DOSE:</b> 0 ppm	<b>SEX:</b> Female	<b>REMOVAL DAY:</b> SD177
<b>GENERATION:</b> F0			<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 3884

---

**TISSUE STATUS**

---

**No Visible Lesions**

ADRENAL GLAND	CERVIX	LIVER	OVARY
PITUITARY GLAND	THYMUS	THYROID GLAND	UTERUS
VAGINA			

---

**OBSERVATIONS**

KIDNEY	CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
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**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 44	<b>TRT#:</b> F0-1	<b>DOSE:</b> 0 ppm	<b>SEX:</b> Female	<b>REMOVAL DAY:</b> SD177
<b>GENERATION:</b> F0			<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 3954

---

**TISSUE STATUS**

**No Visible Lesions**

ADRENAL GLAND	LIVER	OVARY	PITUITARY GLAND
THYMUS	THYROID GLAND		

---

**NOT PRESENT**

CERVIX	UTERUS	VAGINA
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**OBSERVATIONS**

KIDNEY	CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
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**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 46	<b>TRT#:</b> F0-1	<b>DOSE:</b> 0 ppm	<b>SEX:</b> Female	<b>REMOVAL DAY:</b> SD177
<b>GENERATION:</b> F0			<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 3908

---

**TISSUE STATUS**

---

**No Visible Lesions**

ADRENAL GLAND	CERVIX	LIVER	OVARY
PITUITARY GLAND	THYROID GLAND	UTERUS	VAGINA

---

**OBSERVATIONS**

KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
	CORTICOMEDULLARY JUNCTION	MINERAL	MINIMAL
THYMUS		HYPERPLASIA	EPITHELIAL, MINIMAL

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 62	<b>TRT#:</b> F0-2	<b>DOSE:</b> 1000 ppm	<b>SEX:</b> Female	<b>REMOVAL DAY:</b> SD146
<b>GENERATION:</b> F0			<b>DISP:</b> Euthanized Moribund	<b>HISTO:</b> 3852

---

**OBSERVATIONS**

MAMMARY GLAND [ INFLAMMATION, CHRONIC-ACTIVE TGLS = 1-10 ]	INFLAMMATION, CHRONIC-ACTIVE	MODERATE
SALIVARY GLAND [ NO MICROSCOPIC CORRELATION TGLS = 2-11 ]	NO MICROSCOPIC CORRELATION	

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 66	<b>TRT#:</b> F0-2	<b>DOSE:</b> 1000 ppm	<b>SEX:</b> Female	<b>REMOVAL DAY:</b> SD147
<b>GENERATION:</b> F0			<b>DISP:</b> Euthanized Moribund	<b>HISTO:</b> 3952

---

**OBSERVATIONS**

MAMMARY GLAND

INFLAMMATION, ACUTE

MILD

[ INFLAMMATION, ACUTE TGLS = 1-10 ]

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 74	<b>TRT#:</b> F0-2	<b>DOSE:</b> 1000 ppm	<b>SEX:</b> Female	<b>REMOVAL DAY:</b> SD177
<b>GENERATION:</b> F0			<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 3822

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**OBSERVATIONS**

MAMMARY GLAND

FIBROADENOMA

[ FIBROADENOMA TGLS = 1-10 ]

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 98	<b>TRT#:</b> F0-3	<b>DOSE:</b> 5000 ppm	<b>SEX:</b> Female	<b>REMOVAL DAY:</b> SD81
<b>GENERATION:</b> F0			<b>DISP:</b> Euthanized Moribund	<b>HISTO:</b> 3930

---

**OBSERVATIONS**

LIVER [ INFLAMMATION TGLS = 1-3 ]	INFLAMMATION	FOCAL, MINIMAL
SPLEEN [ EXTRAMEDULLARY HEMATOPOIESIS TGLS = 2-3A ]	EXTRAMEDULLARY HEMATOPOIESIS	MILD

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

**ANIMAL ID:** 110  
**GENERATION:** F0

**TRT#:** F0-3

**DOSE:** 5000 ppm

**SEX:** Female  
**DISP:** Unscheduled Sacrifice

**REMOVAL DAY:** GD6  
**HISTO:** 3996

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**OBSERVATIONS**

MAMMARY GLAND

FIBROADENOMA

[ FIBROADENOMA TGLS = 1-10 ]

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**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 120	<b>TRT#:</b> F0-3	<b>DOSE:</b> 5000 ppm	<b>SEX:</b> Female	<b>REMOVAL DAY:</b> SD177
<b>GENERATION:</b> F0			<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 3858

---

**OBSERVATIONS**

KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MODERATE
	CORTICOMEDULLARY JUNCTION	MINERAL	MINIMAL
[ CHRONIC PROGRESSIVE NEPHROPATHY TGLS = 1-2 ]			

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 128	<b>TRT#:</b> F0-3	<b>DOSE:</b> 5000 ppm	<b>SEX:</b> Female	<b>REMOVAL DAY:</b> SD69
<b>GENERATION:</b> F0			<b>DISP:</b> Euthanized Moribund	<b>HISTO:</b> 4010

---

**OBSERVATIONS**

LYMPH NODE, MESENTERIC

[ NO MICROSCOPIC CORRELATION TGLS = 1-10 ]

NO MICROSCOPIC CORRELATION

MAMMARY GLAND

[ ADENOCARCINOMA TGLS = 2-10 ]

ADENOCARCINOMA

SPLEEN

[ EXTRAMEDULLARY HEMATOPOIESIS TGLS = 3-3A ]

EXTRAMEDULLARY HEMATOPOIESIS

MODERATE

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 140	<b>TRT#:</b> F0-4	<b>DOSE:</b> 10000 ppm	<b>SEX:</b> Female	<b>REMOVAL DAY:</b> SD176
<b>GENERATION:</b> F0			<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 3878

---

**TISSUE STATUS**

---

**No Visible Lesions**

ADRENAL GLAND	CERVIX	KIDNEY	LIVER
OVARY	PITUITARY GLAND	THYMUS	THYROID GLAND
VAGINA			

---

**OBSERVATIONS**

UTERUS	POLYP	STROMAL
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---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 142	<b>TRT#:</b> F0-4	<b>DOSE:</b> 10000 ppm	<b>SEX:</b> Female	<b>REMOVAL DAY:</b> SD176
<b>GENERATION:</b> F0			<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 3846

---

**TISSUE STATUS**

---

**No Visible Lesions**

ADRENAL GLAND	CERVIX	LIVER	PITUITARY GLAND
THYMUS	THYROID GLAND	UTERUS	VAGINA

---

**OBSERVATIONS**

KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
OVARY	CORPUS LUTEUM	CYST	

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 144	<b>TRT#:</b> F0-4	<b>DOSE:</b> 10000 ppm	<b>SEX:</b> Female	<b>REMOVAL DAY:</b> SD91
<b>GENERATION:</b> F0			<b>DISP:</b> Euthanized Moribund	<b>HISTO:</b> 3876

---

**TISSUE STATUS**

---

**No Visible Lesions**

CERVIX	LIVER	OVARY	PITUITARY GLAND
THYMUS	THYROID GLAND	UTERUS	

---

**OBSERVATIONS**

ADRENAL GLAND	NECROSIS	MARKED
CLITORAL GLAND	INFLAMMATION, SUPPURATIVE	MARKED
[ INFLAMMATION, SUPPURATIVE TGLS = 1-10 ]		
KIDNEY	CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
SKIN, ABDOMINAL	ULCERATION	MARKED
[ ULCERATION TGLS = 2-11 ]		
SPLEEN	EXTRAMEDULLARY HEMATOPOIESIS	MILD
[ EXTRAMEDULLARY HEMATOPOIESIS TGLS = 3-3A ]		
VAGINA	MUCIFICATION	MILD

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 146	<b>TRT#:</b> F0-4	<b>DOSE:</b> 10000 ppm	<b>SEX:</b> Female	<b>REMOVAL DAY:</b> SD176
<b>GENERATION:</b> F0			<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 3872

---

**TISSUE STATUS**

---

**No Visible Lesions**

ADRENAL GLAND	CERVIX	LIVER	OVARY
PITUITARY GLAND	THYMUS	THYROID GLAND	UTERUS
VAGINA			

---

**OBSERVATIONS**

KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
	MEDULLA, BILATERAL	CYST	
	CORTICOMEDULLARY JUNCTION	MINERAL	MINIMAL

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 148	<b>TRT#:</b> F0-4	<b>DOSE:</b> 10000 ppm	<b>SEX:</b> Female	<b>REMOVAL DAY:</b> SD176
<b>GENERATION:</b> F0			<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 3898

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**TISSUE STATUS**

---

**No Visible Lesions**

ADRENAL GLAND	CERVIX	LIVER	OVARY
PITUITARY GLAND	THYMUS	UTERUS	VAGINA

---

**OBSERVATIONS**

KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
	MEDULLA	CYST	
THYROID GLAND	C-CELL	HYPERPLASIA	MINIMAL

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 150	<b>TRT#:</b> F0-4	<b>DOSE:</b> 10000 ppm	<b>SEX:</b> Female	<b>REMOVAL DAY:</b> SD176
<b>GENERATION:</b> F0			<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 3866

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**TISSUE STATUS**

---

**No Visible Lesions**

ADRENAL GLAND	CERVIX	LIVER	OVARY
PITUITARY GLAND	THYMUS	THYROID GLAND	UTERUS
VAGINA			

---

**OBSERVATIONS**

KIDNEY	CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
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**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 152	<b>TRT#:</b> F0-4	<b>DOSE:</b> 10000 ppm	<b>SEX:</b> Female	<b>REMOVAL DAY:</b> SD176
<b>GENERATION:</b> F0			<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 3894

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**TISSUE STATUS**

---

**No Visible Lesions**

ADRENAL GLAND	CERVIX	LIVER	PITUITARY GLAND
THYMUS	THYROID GLAND	UTERUS	VAGINA

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**OBSERVATIONS**

KIDNEY	CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
OVARY	CYST	

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 154	<b>TRT#:</b> F0-4	<b>DOSE:</b> 10000 ppm	<b>SEX:</b> Female	<b>REMOVAL DAY:</b> SD176
<b>GENERATION:</b> F0			<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 3938

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**TISSUE STATUS**

---

**No Visible Lesions**

ADRENAL GLAND	CERVIX	PITUITARY GLAND	THYMUS
THYROID GLAND	UTERUS	VAGINA	

---

**OBSERVATIONS**

KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER	BILE DUCT	CHOLANGIOMA	
[ CHOLANGIOMA TGLS = 1-3 ]			
OVARY	CORPUS LUTEUM, BILATERAL	CYST	
[ CYST TGLS = 2-8 ]		CYST	EPITHELIAL

---

Animal Note: left ovary weight not taken because it had a cyst on it

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 156	<b>TRT#:</b> F0-4	<b>DOSE:</b> 10000 ppm	<b>SEX:</b> Female	<b>REMOVAL DAY:</b> SD176
<b>GENERATION:</b> F0			<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 3972

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**TISSUE STATUS**

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**No Visible Lesions**

ADRENAL GLAND	CERVIX	LIVER	OVARY
PITUITARY GLAND	THYMUS	THYROID GLAND	UTERUS
VAGINA			

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**OBSERVATIONS**

KIDNEY	CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
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**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 158	<b>TRT#:</b> F0-4	<b>DOSE:</b> 10000 ppm	<b>SEX:</b> Female	<b>REMOVAL DAY:</b> SD176
<b>GENERATION:</b> F0			<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 3924

---

**TISSUE STATUS**

**No Visible Lesions**

ADRENAL GLAND	CERVIX	LIVER	OVARY
PITUITARY GLAND	THYMUS	THYROID GLAND	UTERUS
VAGINA			

---

**OBSERVATIONS**

KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
	CORTICOMEDULLARY JUNCTION	MINERAL	MINIMAL

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 160	<b>TRT#:</b> F0-4	<b>DOSE:</b> 10000 ppm	<b>SEX:</b> Female	<b>REMOVAL DAY:</b> SD176
<b>GENERATION:</b> F0			<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 3982

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**TISSUE STATUS**

**No Visible Lesions**

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ADRENAL GLAND	CERVIX	LIVER	OVARY
PITUITARY GLAND	THYMUS	THYROID GLAND	UTERUS
VAGINA			

---

**OBSERVATIONS**

---

KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
	MEDULLA	CYST	
	CORTICOMEDULLARY JUNCTION	MINERAL	MINIMAL

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 162	<b>TRT#:</b> F0-4	<b>DOSE:</b> 10000 ppm	<b>SEX:</b> Female	<b>REMOVAL DAY:</b> SD176
<b>GENERATION:</b> F0			<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 3940

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**TISSUE STATUS**

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**No Visible Lesions**

ADRENAL GLAND	CERVIX	LIVER	PITUITARY GLAND
THYMUS	THYROID GLAND	UTERUS	VAGINA

---

**OBSERVATIONS**

KIDNEY	CORTICOMEDULLARY JUNCTION	MINERAL	MINIMAL
OVARY	CORPUS LUTEUM, BILATERAL	CYST	

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 164	<b>TRT#:</b> F0-4	<b>DOSE:</b> 10000 ppm	<b>SEX:</b> Female	<b>REMOVAL DAY:</b> SD177
<b>GENERATION:</b> F0			<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 3980

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**TISSUE STATUS**

---

**No Visible Lesions**

ADRENAL GLAND	CERVIX	KIDNEY	LIVER
OVARY	PITUITARY GLAND	THYMUS	THYROID GLAND
VAGINA			

---

**OBSERVATIONS**

UTERUS	POLYP	STROMAL
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**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 166	<b>TRT#:</b> F0-4	<b>DOSE:</b> 10000 ppm	<b>SEX:</b> Female	<b>REMOVAL DAY:</b> SD177
<b>GENERATION:</b> F0			<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 3862

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**TISSUE STATUS**

---

**No Visible Lesions**

ADRENAL GLAND	CERVIX	KIDNEY	LIVER
OVARY	PITUITARY GLAND	THYMUS	THYROID GLAND
VAGINA			

---

**OBSERVATIONS**

UTERUS	DILATION	MINIMAL
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---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 168	<b>TRT#:</b> F0-4	<b>DOSE:</b> 10000 ppm	<b>SEX:</b> Female	<b>REMOVAL DAY:</b> SD177
<b>GENERATION:</b> F0			<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 4022

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**TISSUE STATUS**

---

**No Visible Lesions**

ADRENAL GLAND	CERVIX	LIVER	OVARY
PITUITARY GLAND	THYMUS	THYROID GLAND	UTERUS
VAGINA			

---

**OBSERVATIONS**

KIDNEY	CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
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---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 170	<b>TRT#:</b> F0-4	<b>DOSE:</b> 10000 ppm	<b>SEX:</b> Female	<b>REMOVAL DAY:</b> SD177
<b>GENERATION:</b> F0			<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 3890

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**TISSUE STATUS**

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**No Visible Lesions**

ADRENAL GLAND	CERVIX	KIDNEY	LIVER
OVARY	PITUITARY GLAND	THYMUS	THYROID GLAND
VAGINA			

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**OBSERVATIONS**

UTERUS	ENDOMETRIUM	METAPLASIA	SQUAMOUS, MINIMAL
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**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 172	<b>TRT#:</b> F0-4	<b>DOSE:</b> 10000 ppm	<b>SEX:</b> Female	<b>REMOVAL DAY:</b> SD177
<b>GENERATION:</b> F0			<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 3964

---

**TISSUE STATUS**

---

**No Visible Lesions**

ADRENAL GLAND	CERVIX	LIVER	OVARY
PITUITARY GLAND	THYMUS	THYROID GLAND	UTERUS
VAGINA			

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**OBSERVATIONS**

KIDNEY	CHRONIC PROGRESSIVE NEPHROPATHY	MILD
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---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 174	<b>TRT#:</b> F0-4	<b>DOSE:</b> 10000 ppm	<b>SEX:</b> Female	<b>REMOVAL DAY:</b> SD177
<b>GENERATION:</b> F0			<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 3860

---

**TISSUE STATUS**

**No Visible Lesions**

ADRENAL GLAND	CERVIX	LIVER	OVARY
PITUITARY GLAND	THYMUS	THYROID GLAND	UTERUS
VAGINA			

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**OBSERVATIONS**

KIDNEY	CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
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**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 176	<b>TRT#:</b> F0-4	<b>DOSE:</b> 10000 ppm	<b>SEX:</b> Female	<b>REMOVAL DAY:</b> SD177
<b>GENERATION:</b> F0			<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 3998

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**TISSUE STATUS**

---

**No Visible Lesions**

ADRENAL GLAND	CERVIX	LIVER	OVARY
PITUITARY GLAND	THYMUS	THYROID GLAND	UTERUS
VAGINA			

---

**OBSERVATIONS**

KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
	MEDULLA	CYST	
	CORTICOMEDULLARY JUNCTION	MINERAL	MINIMAL

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 178	<b>TRT#:</b> F0-4	<b>DOSE:</b> 10000 ppm	<b>SEX:</b> Female	<b>REMOVAL DAY:</b> SD177
<b>GENERATION:</b> F0			<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 3962

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**TISSUE STATUS**

---

**No Visible Lesions**

CERVIX	LIVER	OVARY	PITUITARY GLAND
THYMUS	THYROID GLAND	UTERUS	VAGINA

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**OBSERVATIONS**

ADRENAL GLAND	CORTEX	VACUOLATION	FOCAL, MINIMAL
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 180	<b>TRT#:</b> F0-4	<b>DOSE:</b> 10000 ppm	<b>SEX:</b> Female	<b>REMOVAL DAY:</b> SD177
<b>GENERATION:</b> F0			<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 3906

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**TISSUE STATUS**

**No Visible Lesions**

ADRENAL GLAND	CERVIX	LIVER	OVARY
PITUITARY GLAND	THYMUS	THYROID GLAND	UTERUS
VAGINA			

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**OBSERVATIONS**

KIDNEY	CHRONIC PROGRESSIVE NEPHROPATHY	MILD
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**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

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<b>ANIMAL ID:</b> 182	<b>TRT#:</b> F0-4	<b>DOSE:</b> 10000 ppm	<b>SEX:</b> Female	<b>REMOVAL DAY:</b> SD177
<b>GENERATION:</b> F0			<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 3850

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**TISSUE STATUS**

**No Visible Lesions**

ADRENAL GLAND	CERVIX	LIVER	OVARY
PITUITARY GLAND	THYMUS	THYROID GLAND	UTERUS
VAGINA			

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**OBSERVATIONS**

KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
	MEDULLA	CYST	

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

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<b>ANIMAL ID:</b> 184	<b>TRT#:</b> F0-4	<b>DOSE:</b> 10000 ppm	<b>SEX:</b> Female	<b>REMOVAL DAY:</b> SD177
<b>GENERATION:</b> F0			<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 3834

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**TISSUE STATUS**

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**No Visible Lesions**

ADRENAL GLAND	CERVIX	PITUITARY GLAND	THYMUS
THYROID GLAND	UTERUS	VAGINA	

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**OBSERVATIONS**

KIDNEY	CORTICOMEDULLARY JUNCTION	MINERAL	MINIMAL
LIVER		INFLAMMATION	FOCAL, MINIMAL
OVARY		CYST	

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

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<b>ANIMAL ID:</b> 1005	<b>TRT#:</b> F1-1	<b>DOSE:</b> 0 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND90
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c NonParent Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 10623

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**TISSUE STATUS**

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**No Visible Lesions**

ADRENAL GLAND	COAGULATING GLAND	COWPERS GLAND	DORSAL PROSTATE
EPIDIDYMIS	LEVATOR ANI PLUS BULBOCAVERNOSUS MUSCLE	PITUITARY GLAND	SEMINAL VESICLE
SPLEEN	TESTIS	THYMUS	THYROID GLAND

---

**OBSERVATIONS**

KIDNEY	CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER	INFLAMMATION	FOCAL, MINIMAL
VENTRAL PROSTATE	INFILTRATION CELLULAR	LYMPHOCYTE, MINIMAL

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

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<b>ANIMAL ID:</b> 1007	<b>TRT#:</b> F1-1	<b>DOSE:</b> 0 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND90
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c NonParent Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 10624

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**TISSUE STATUS**

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**No Visible Lesions**

ADRENAL GLAND	COAGULATING GLAND	COWPERS GLAND	DORSAL PROSTATE
EPIDIDYMIS	LEVATOR ANI PLUS BULBOCAVERNOSUS MUSCLE	PITUITARY GLAND	SEMINAL VESICLE
SPLEEN	TESTIS	THYMUS	THYROID GLAND

---

**OBSERVATIONS**

KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER		INFLAMMATION	FOCAL, MINIMAL
VENTRAL PROSTATE	BILATERAL	INFLAMMATION, CHRONIC	MILD

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

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<b>ANIMAL ID:</b> 1013	<b>TRT#:</b> F1-1	<b>DOSE:</b> 0 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND90
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c NonParent Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 10633

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**TISSUE STATUS**

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**No Visible Lesions**

ADRENAL GLAND	COAGULATING GLAND	COWPERS GLAND	DORSAL PROSTATE
EPIDIDYMIS	LEVATOR ANI PLUS BULBOCAVERNOSUS MUSCLE	PITUITARY GLAND	SEMINAL VESICLE
SPLEEN	TESTIS	THYMUS	THYROID GLAND
VENTRAL PROSTATE			

---

**OBSERVATIONS**

COAGULATING GLAND			
Tissue Note: ONE OF A PAIR PRESENT.			
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER		INFLAMMATION	FOCAL, MINIMAL

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

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<b>ANIMAL ID:</b> 1015	<b>TRT#:</b> F1-1	<b>DOSE:</b> 0 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND90
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c NonParent Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 10634

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**TISSUE STATUS**

**No Visible Lesions**

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ADRENAL GLAND	COAGULATING GLAND	COWPERS GLAND	DORSAL PROSTATE
EPIDIDYMIS	LEVATOR ANI PLUS BULBOCAVERNOSUS MUSCLE	SEMINAL VESICLE	SPLEEN
TESTIS	THYMUS	THYROID GLAND	VENTRAL PROSTATE

---

**OBSERVATIONS**

COWPERS GLAND  
Tissue Note: ONE OF A PAIR PRESENT.

KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER		INFLAMMATION	FOCAL, MINIMAL
PITUITARY GLAND	PARS DISTALIS	CYST	

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**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

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<b>ANIMAL ID:</b> 1021	<b>TRT#:</b> F1-1	<b>DOSE:</b> 0 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND90
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c NonParent Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 10643

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**TISSUE STATUS**

**No Visible Lesions**

ADRENAL GLAND	COAGULATING GLAND	DORSAL PROSTATE	EPIDIDYMIS
LEVATOR ANI PLUS BULBOCAVERNOSUS MUSCLE	LIVER	PITUITARY GLAND	SEMINAL VESICLE
SPLEEN	TESTIS	THYMUS	THYROID GLAND
VENTRAL PROSTATE			

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**MISSING**

COWPERS GLAND

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**OBSERVATIONS**

KIDNEY	CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
	INFARCT	MILD

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**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

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<b>ANIMAL ID:</b> 1027	<b>TRT#:</b> F1-1	<b>DOSE:</b> 0 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND90
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c NonParent Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 10465

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**TISSUE STATUS**

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**No Visible Lesions**

ADRENAL GLAND	COAGULATING GLAND	COWPERS GLAND	DORSAL PROSTATE
EPIDIDYMIS	KIDNEY	LEVATOR ANI PLUS BULBOCAVERNOSUS MUSCLE	PITUITARY GLAND
SEMINAL VESICLE	SPLEEN	TESTIS	THYMUS
THYROID GLAND	VENTRAL PROSTATE		

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**OBSERVATIONS**

LIVER	INFLAMMATION	FOCAL, MINIMAL
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**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

<b>ANIMAL ID:</b> 1029	<b>TRT#:</b> F1-1	<b>DOSE:</b> 0 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND90
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c NonParent Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 10466

**TISSUE STATUS**

**No Visible Lesions**

ADRENAL GLAND	COAGULATING GLAND	COWPERS GLAND	DORSAL PROSTATE
LEVATOR ANI PLUS BULBOCAVERNOSUS MUSCLE	PITUITARY GLAND	SEMINAL VESICLE	SPLEEN
THYMUS	THYROID GLAND		

**OBSERVATIONS**

EPIDIDYMIS	DUCT	EXFOLIATED GERM CELL HYOSPERMIA NO MICROSCOPIC FINDING RECORDED	MODERATE MODERATE
		[ EXFOLIATED GERM CELL TGLS = 1-11 ] [ HYOSPERMIA TGLS = 1-11 ] [ NO MICROSCOPIC FINDING RECORDED TGLS = 1-11 ]	
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER		INFLAMMATION	FOCAL, MINIMAL
TESTIS	GERMINAL EPITHELIUM	DEGENERATION	MODERATE
		[ DEGENERATION TGLS = 2-11 ]	
VENTRAL PROSTATE	BILATERAL	INFLAMMATION, CHRONIC	MINIMAL

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

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<b>ANIMAL ID:</b> 1031	<b>TRT#:</b> F1-1	<b>DOSE:</b> 0 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND90
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c NonParent Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 10467

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**TISSUE STATUS**

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**No Visible Lesions**

ADRENAL GLAND	COAGULATING GLAND	COWPERS GLAND	DORSAL PROSTATE
LEVATOR ANI PLUS BULBOCAVERNOSUS MUSCLE	PITUITARY GLAND	SEMINAL VESICLE	SPLEEN
THYMUS	THYROID GLAND		

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**OBSERVATIONS**

EPIDIDYMIS	DUCT	EXFOLIATED GERM CELL	MINIMAL
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER		INFLAMMATION	FOCAL, MINIMAL
TESTIS	GERMINAL EPITHELIUM	DEGENERATION	MILD
VENTRAL PROSTATE	BILATERAL	INFLAMMATION, CHRONIC	MINIMAL

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

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<b>ANIMAL ID:</b> 1039	<b>TRT#:</b> F1-1	<b>DOSE:</b> 0 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND90
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c NonParent Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 10553

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**TISSUE STATUS**

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**No Visible Lesions**

ADRENAL GLAND	COAGULATING GLAND	COWPERS GLAND	DORSAL PROSTATE
EPIDIDYMIS	LEVATOR ANI PLUS BULBOCAVERNOSUS MUSCLE	PITUITARY GLAND	SEMINAL VESICLE
SPLEEN	TESTIS	THYMUS	THYROID GLAND

---

**OBSERVATIONS**

KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
	PELVIS	DILATION	MINIMAL
[ DILATION TGLS = 1-2 ]			
LIVER		INFLAMMATION	FOCAL, MINIMAL
VENTRAL PROSTATE	BILATERAL	INFLAMMATION, CHRONIC	MINIMAL

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

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<b>ANIMAL ID:</b> 1041	<b>TRT#:</b> F1-1	<b>DOSE:</b> 0 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND90
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c NonParent Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 10554

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**TISSUE STATUS**

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**No Visible Lesions**

ADRENAL GLAND	COAGULATING GLAND	COWPERS GLAND	DORSAL PROSTATE
EPIDIDYMIS	LEVATOR ANI PLUS BULBOCAVERNOSUS MUSCLE	LIVER	PITUITARY GLAND
SEMINAL VESICLE	SPLEEN	TESTIS	THYMUS
THYROID GLAND			

---

**OBSERVATIONS**

KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY NO MICROSCOPIC CORRELATION	MINIMAL
[ NO MICROSCOPIC CORRELATION TGLS = 1-2 ]			
VENTRAL PROSTATE	BILATERAL	INFLAMMATION, CHRONIC	MINIMAL

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 1043	<b>TRT#:</b> F1-1	<b>DOSE:</b> 0 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND90
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c NonParent Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 10555

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**TISSUE STATUS**

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**No Visible Lesions**

ADRENAL GLAND	COAGULATING GLAND	COWPERS GLAND	DORSAL PROSTATE
EPIDIDYMIS	LEVATOR ANI PLUS BULBOCAVERNOSUS MUSCLE	PITUITARY GLAND	SEMINAL VESICLE
SPLEEN	TESTIS	THYMUS	THYROID GLAND

---

**OBSERVATIONS**

KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER		INFLAMMATION	FOCAL, MINIMAL
VENTRAL PROSTATE	BILATERAL	INFLAMMATION, CHRONIC	MILD

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 1061	<b>TRT#:</b> F1-1	<b>DOSE:</b> 0 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND90
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c NonParent Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 10839

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**TISSUE STATUS**

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**No Visible Lesions**

ADRENAL GLAND	COAGULATING GLAND	COWPERS GLAND	DORSAL PROSTATE
EPIDIDYMIS	LEVATOR ANI PLUS BULBOCAVERNOSUS MUSCLE	LIVER	PITUITARY GLAND
SEMINAL VESICLE	SPLEEN	TESTIS	THYMUS
THYROID GLAND			

---

**OBSERVATIONS**

KIDNEY	CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
VENTRAL PROSTATE	INFILTRATION CELLULAR	LYMPHOCYTE, MILD

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 1063	<b>TRT#:</b> F1-1	<b>DOSE:</b> 0 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND90
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c NonParent Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 10840

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**TISSUE STATUS**

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**No Visible Lesions**

ADRENAL GLAND	COAGULATING GLAND	COWPERS GLAND	DORSAL PROSTATE
EPIDIDYMIS	LEVATOR ANI PLUS BULBOCAVERNOSUS MUSCLE	LIVER	PITUITARY GLAND
SEMINAL VESICLE	SPLEEN	TESTIS	THYMUS
THYROID GLAND			

---

**OBSERVATIONS**

KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
	MEDULLA, BILATERAL	CYST	
VENTRAL PROSTATE		INFILTRATION CELLULAR	LYMPHOCYTE, MINIMAL

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

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<b>ANIMAL ID:</b> 1065	<b>TRT#:</b> F1-1	<b>DOSE:</b> 0 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND90
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c NonParent Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 10841

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**TISSUE STATUS**

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**No Visible Lesions**

ADRENAL GLAND	COAGULATING GLAND	COWPERS GLAND	DORSAL PROSTATE
EPIDIDYMIS	LEVATOR ANI PLUS BULBOCAVERNOSUS MUSCLE	PITUITARY GLAND	SEMINAL VESICLE
SPLEEN	TESTIS	THYMUS	THYROID GLAND

---

**OBSERVATIONS**

KIDNEY	CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER	INFLAMMATION	FOCAL, MINIMAL
VENTRAL PROSTATE	INFILTRATION CELLULAR	LYMPHOCYTE, MINIMAL

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

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<b>ANIMAL ID:</b> 1071	<b>TRT#:</b> F1-1	<b>DOSE:</b> 0 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND90
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c NonParent Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 10717

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**TISSUE STATUS**

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**No Visible Lesions**

ADRENAL GLAND	COAGULATING GLAND	COWPERS GLAND	DORSAL PROSTATE
EPIDIDYMIS	KIDNEY	LEVATOR ANI PLUS BULBOCAVERNOSUS MUSCLE	PITUITARY GLAND
SEMINAL VESICLE	SPLEEN	TESTIS	THYMUS
THYROID GLAND	VENTRAL PROSTATE		

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**OBSERVATIONS**

LIVER	INFLAMMATION	FOCAL, MINIMAL
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**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

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<b>ANIMAL ID:</b> 1073	<b>TRT#:</b> F1-1	<b>DOSE:</b> 0 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND90
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c NonParent Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 10718

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**TISSUE STATUS**

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**No Visible Lesions**

ADRENAL GLAND	COAGULATING GLAND	COWPERS GLAND	DORSAL PROSTATE
EPIDIDYMIS	LEVATOR ANI PLUS BULBOCAVERNOSUS MUSCLE	PITUITARY GLAND	SEMINAL VESICLE
SPLEEN	TESTIS	THYMUS	THYROID GLAND

---

**OBSERVATIONS**

KIDNEY	CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER	INFLAMMATION	FOCAL, MINIMAL
VENTRAL PROSTATE	INFILTRATION CELLULAR	LYMPHOCYTE, MINIMAL

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

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<b>ANIMAL ID:</b> 1079	<b>TRT#:</b> F1-1	<b>DOSE:</b> 0 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND90
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c NonParent Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 10678

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**TISSUE STATUS**

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**No Visible Lesions**

ADRENAL GLAND	COAGULATING GLAND	COWPERS GLAND	DORSAL PROSTATE
EPIDIDYMIS	LEVATOR ANI PLUS BULBOCAVERNOSUS MUSCLE	PITUITARY GLAND	SEMINAL VESICLE
SPLEEN	TESTIS	THYMUS	THYROID GLAND
VENTRAL PROSTATE			

---

**OBSERVATIONS**

KIDNEY	CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER	INFLAMMATION	FOCAL, MINIMAL

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

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<b>ANIMAL ID:</b> 1081	<b>TRT#:</b> F1-1	<b>DOSE:</b> 0 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND90
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c NonParent Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 10679

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**TISSUE STATUS**

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**No Visible Lesions**

ADRENAL GLAND	COAGULATING GLAND	COWPERS GLAND	DORSAL PROSTATE
EPIDIDYMIS	LEVATOR ANI PLUS BULBOCAVERNOSUS MUSCLE	PITUITARY GLAND	SEMINAL VESICLE
SPLEEN	TESTIS	THYMUS	THYROID GLAND

---

**OBSERVATIONS**

KIDNEY	CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER	INFLAMMATION	FOCAL, MINIMAL
VENTRAL PROSTATE	INFILTRATION CELLULAR	LYMPHOCYTE, MINIMAL

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 1083	<b>TRT#:</b> F1-1	<b>DOSE:</b> 0 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND90
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c NonParent Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 10680

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**TISSUE STATUS**

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**No Visible Lesions**

ADRENAL GLAND	COAGULATING GLAND	COWPERS GLAND	DORSAL PROSTATE
EPIDIDYMIS	LEVATOR ANI PLUS BULBOCAVERNOSUS MUSCLE	PITUITARY GLAND	SEMINAL VESICLE
SPLEEN	TESTIS	THYMUS	THYROID GLAND

---

**OBSERVATIONS**

KIDNEY	CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER	INFLAMMATION	FOCAL, MINIMAL
VENTRAL PROSTATE	INFILTRATION CELLULAR	LYMPHOCYTE, MINIMAL

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

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<b>ANIMAL ID:</b> 1089	<b>TRT#:</b> F1-1	<b>DOSE:</b> 0 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND90
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c NonParent Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 10862

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**TISSUE STATUS**

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**No Visible Lesions**

ADRENAL GLAND	COAGULATING GLAND	COWPERS GLAND	DORSAL PROSTATE
EPIDIDYMIS	KIDNEY	LEVATOR ANI PLUS BULBOCAVERNOSUS MUSCLE	PITUITARY GLAND
SEMINAL VESICLE	SPLEEN	TESTIS	THYMUS
THYROID GLAND	VENTRAL PROSTATE		

---

**OBSERVATIONS**

LIVER	INFLAMMATION	FOCAL, MINIMAL
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**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 1091	<b>TRT#:</b> F1-1	<b>DOSE:</b> 0 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND90
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c NonParent Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 10863

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**TISSUE STATUS**

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**No Visible Lesions**

ADRENAL GLAND	COAGULATING GLAND	COWPERS GLAND	DORSAL PROSTATE
EPIDIDYMIS	LEVATOR ANI PLUS BULBOCAVERNOSUS MUSCLE	SEMINAL VESICLE	SPLEEN
TESTIS	THYMUS	THYROID GLAND	VENTRAL PROSTATE

---

**OBSERVATIONS**

KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER		INFLAMMATION	FOCAL, MINIMAL
PITUITARY GLAND	PARS DISTALIS	CYST	

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

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<b>ANIMAL ID:</b> 1093	<b>TRT#:</b> F1-1	<b>DOSE:</b> 0 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND90
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c NonParent Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 10864

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**TISSUE STATUS**

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**No Visible Lesions**

ADRENAL GLAND	COAGULATING GLAND	COWPERS GLAND	DORSAL PROSTATE
EPIDIDYMIS	LEVATOR ANI PLUS BULBOCAVERNOSUS MUSCLE	PITUITARY GLAND	SEMINAL VESICLE
SPLEEN	TESTIS	THYMUS	THYROID GLAND
VENTRAL PROSTATE			

---

**OBSERVATIONS**

KIDNEY	CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER	INFLAMMATION	FOCAL, MINIMAL

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

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<b>ANIMAL ID:</b> 1107	<b>TRT#:</b> F1-1	<b>DOSE:</b> 0 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND90
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c NonParent Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 10983

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**TISSUE STATUS**

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**No Visible Lesions**

ADRENAL GLAND	COAGULATING GLAND	COWPERS GLAND	DORSAL PROSTATE
EPIDIDYMIS	LEVATOR ANI PLUS BULBOCAVERNOSUS MUSCLE	LIVER	PITUITARY GLAND
SEMINAL VESICLE	SPLEEN	TESTIS	THYMUS
THYROID GLAND	VENTRAL PROSTATE		

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**OBSERVATIONS**

KIDNEY	CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
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**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

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<b>ANIMAL ID:</b> 1109	<b>TRT#:</b> F1-1	<b>DOSE:</b> 0 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND90
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c NonParent Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 10984

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**TISSUE STATUS**

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**No Visible Lesions**

ADRENAL GLAND	COAGULATING GLAND	COWPERS GLAND	DORSAL PROSTATE
EPIDIDYMIS	LEVATOR ANI PLUS BULBOCAVERNOSUS MUSCLE	PITUITARY GLAND	SEMINAL VESICLE
SPLEEN	TESTIS	THYMUS	THYROID GLAND

---

**OBSERVATIONS**

KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
	PELVIS	DILATION	MINIMAL
LIVER		INFLAMMATION	FOCAL, MINIMAL
VENTRAL PROSTATE		INFILTRATION CELLULAR	LYMPHOCYTE, MINIMAL

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

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<b>ANIMAL ID:</b> 1111	<b>TRT#:</b> F1-1	<b>DOSE:</b> 0 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND90
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c NonParent Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 10985

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**TISSUE STATUS**

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**No Visible Lesions**

ADRENAL GLAND	COAGULATING GLAND	COWPERS GLAND	DORSAL PROSTATE
EPIDIDYMIS	LEVATOR ANI PLUS BULBOCAVERNOSUS MUSCLE	PITUITARY GLAND	SEMINAL VESICLE
SPLEEN	TESTIS	THYMUS	THYROID GLAND
VENTRAL PROSTATE			

---

**OBSERVATIONS**

KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
	PELVIS	DILATION	MILD
[ DILATION TGLS = 1-2 ]			
LIVER		INFLAMMATION	FOCAL, MINIMAL

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

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<b>ANIMAL ID:</b> 1119	<b>TRT#:</b> F1-1	<b>DOSE:</b> 0 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND90
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c NonParent Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 10944

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**TISSUE STATUS**

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**No Visible Lesions**

ADRENAL GLAND	COAGULATING GLAND	COWPERS GLAND	DORSAL PROSTATE
EPIDIDYMIS	LEVATOR ANI PLUS BULBOCAVERNOSUS MUSCLE	PITUITARY GLAND	PREPUTIAL GLAND
SEMINAL VESICLE	SPLEEN	TESTIS	THYMUS
THYROID GLAND			

---

**OBSERVATIONS**

KIDNEY	CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER	INFLAMMATION	FOCAL, MINIMAL
VENTRAL PROSTATE	INFILTRATION CELLULAR	LYMPHOCYTE, MINIMAL

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

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<b>ANIMAL ID:</b> 1121	<b>TRT#:</b> F1-1	<b>DOSE:</b> 0 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND90
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c NonParent Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 10945

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**TISSUE STATUS**

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**No Visible Lesions**

ADRENAL GLAND	COAGULATING GLAND	COWPERS GLAND	DORSAL PROSTATE
EPIDIDYMIS	LEVATOR ANI PLUS BULBOCAVERNOSUS MUSCLE	PITUITARY GLAND	SEMINAL VESICLE
SPLEEN	TESTIS	THYMUS	THYROID GLAND

---

**OBSERVATIONS**

KIDNEY	CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER	INFLAMMATION	FOCAL, MINIMAL
PREPUTIAL GLAND	INFLAMMATION, CHRONIC	MINIMAL
VENTRAL PROSTATE	INFILTRATION CELLULAR	LYMPHOCYTE, MINIMAL

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

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<b>ANIMAL ID:</b> 1123	<b>TRT#:</b> F1-1	<b>DOSE:</b> 0 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND90
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c NonParent Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 10946

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**TISSUE STATUS**

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**No Visible Lesions**

ADRENAL GLAND	COAGULATING GLAND	COWPERS GLAND	DORSAL PROSTATE
EPIDIDYMIS	LEVATOR ANI PLUS BULBOCAVERNOSUS MUSCLE	PITUITARY GLAND	SEMINAL VESICLE
SPLEEN	TESTIS	THYMUS	THYROID GLAND
VENTRAL PROSTATE			

---

**OBSERVATIONS**

KIDNEY	CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER	INFLAMMATION	FOCAL, MINIMAL

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 1135	<b>TRT#:</b> F1-1	<b>DOSE:</b> 0 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND92
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c NonParent Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 11209

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**TISSUE STATUS**

---

**No Visible Lesions**

ADRENAL GLAND	COAGULATING GLAND	COWPERS GLAND	EPIDIDYMIS
LEVATOR ANI PLUS BULBOCAVERNOSUS MUSCLE	PENIS	PITUITARY GLAND	SEMINAL VESICLE
SPLEEN	TESTIS	THYMUS	THYROID GLAND

---

**OBSERVATIONS**

DORSAL PROSTATE		INFLAMMATION, CHRONIC	MINIMAL
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER		INFLAMMATION	FOCAL, MINIMAL
VENTRAL PROSTATE	BILATERAL	INFLAMMATION, CHRONIC	MILD

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 1137	<b>TRT#:</b> F1-1	<b>DOSE:</b> 0 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND92
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c NonParent Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 11210

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**TISSUE STATUS**

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**No Visible Lesions**

ADRENAL GLAND	COAGULATING GLAND	COWPERS GLAND	DORSAL PROSTATE
LEVATOR ANI PLUS BULBOCAVERNOSUS MUSCLE	PENIS	PITUITARY GLAND	SEMINAL VESICLE
SPLEEN	THYMUS	THYROID GLAND	

---

**OBSERVATIONS**

EPIDIDYMIS	DUCT	EXFOLIATED GERM CELL	MINIMAL
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER		INFLAMMATION	FOCAL, MINIMAL
TESTIS	GERMINAL EPITHELIUM	DEGENERATION	MINIMAL
VENTRAL PROSTATE	BILATERAL	INFLAMMATION, CHRONIC	MINIMAL

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

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<b>ANIMAL ID:</b> 1139	<b>TRT#:</b> F1-1	<b>DOSE:</b> 0 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND92
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c NonParent Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 11211

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**TISSUE STATUS**

---

**No Visible Lesions**

ADRENAL GLAND	COAGULATING GLAND	COWPERS GLAND	DORSAL PROSTATE
EPIDIDYMIS	LEVATOR ANI PLUS BULBOCAVERNOSUS MUSCLE	PITUITARY GLAND	SEMINAL VESICLE
SPLEEN	TESTIS	THYMUS	THYROID GLAND

---

**OBSERVATIONS**

KIDNEY	CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER	INFLAMMATION	FOCAL, MINIMAL
VENTRAL PROSTATE	INFLAMMATION, CHRONIC	MINIMAL

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

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<b>ANIMAL ID:</b> 1147	<b>TRT#:</b> F1-1	<b>DOSE:</b> 0 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND92
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c NonParent Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 11255

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**TISSUE STATUS**

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**No Visible Lesions**

ADRENAL GLAND	COAGULATING GLAND	COWPERS GLAND	DORSAL PROSTATE
EPIDIDYMIS	LEVATOR ANI PLUS BULBOCAVERNOSUS MUSCLE	SEMINAL VESICLE	SPLEEN
THYMUS	THYROID GLAND		

---

**OBSERVATIONS**

KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER		INFLAMMATION	FOCAL, MINIMAL
PITUITARY GLAND	PARS DISTALIS	CYST	
TESTIS	SEMINIFEROUS TUBULE	DYSGENESIS	MINIMAL
VENTRAL PROSTATE	BILATERAL	INFLAMMATION, CHRONIC	MINIMAL

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 1149	<b>TRT#:</b> F1-1	<b>DOSE:</b> 0 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND92
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c NonParent Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 11256

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**TISSUE STATUS**

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**No Visible Lesions**

ADRENAL GLAND	COAGULATING GLAND	COWPERS GLAND	DORSAL PROSTATE
EPIDIDYMIS	KIDNEY	LEVATOR ANI PLUS BULBOCAVERNOSUS MUSCLE	PITUITARY GLAND
SEMINAL VESICLE	SPLEEN	TESTIS	THYMUS
THYROID GLAND			

---

**OBSERVATIONS**

LIVER		INFLAMMATION	FOCAL, MINIMAL
VENTRAL PROSTATE	BILATERAL	INFLAMMATION, CHRONIC	MINIMAL

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 1151	<b>TRT#:</b> F1-1	<b>DOSE:</b> 0 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND92
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c NonParent Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 11257

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**TISSUE STATUS**

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**No Visible Lesions**

ADRENAL GLAND	COAGULATING GLAND	COWPERS GLAND	DORSAL PROSTATE
EPIDIDYMIS	LEVATOR ANI PLUS BULBOCAVERNOSUS MUSCLE	LIVER	PITUITARY GLAND
SEMINAL VESICLE	SPLEEN	TESTIS	THYMUS
THYROID GLAND			

---

**OBSERVATIONS**

KIDNEY	CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
VENTRAL PROSTATE	INFILTRATION CELLULAR	LYMPHOCYTE, MINIMAL

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 1161	<b>TRT#:</b> F1-1	<b>DOSE:</b> 0 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND92
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c NonParent Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 11244

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**TISSUE STATUS**

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**No Visible Lesions**

ADRENAL GLAND	COAGULATING GLAND	COWPERS GLAND	DORSAL PROSTATE
EPIDIDYMIS	LEVATOR ANI PLUS BULBOCAVERNOSUS MUSCLE	LIVER	PITUITARY GLAND
SEMINAL VESICLE	SPLEEN	TESTIS	THYMUS
THYROID GLAND			

---

**OBSERVATIONS**

KIDNEY	CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
VENTRAL PROSTATE	INFILTRATION CELLULAR	LYMPHOCYTE, MINIMAL

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

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<b>ANIMAL ID:</b> 1163	<b>TRT#:</b> F1-1	<b>DOSE:</b> 0 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND92
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c NonParent Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 11245

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**TISSUE STATUS**

---

**No Visible Lesions**

ADRENAL GLAND	COAGULATING GLAND	COWPERS GLAND	DORSAL PROSTATE
EPIDIDYMIS	LEVATOR ANI PLUS BULBOCAVERNOSUS MUSCLE	PITUITARY GLAND	SEMINAL VESICLE
SPLEEN	TESTIS	THYMUS	THYROID GLAND

---

**OBSERVATIONS**

KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER		INFLAMMATION	FOCAL, MINIMAL
VENTRAL PROSTATE	BILATERAL	INFLAMMATION, CHRONIC	MILD

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 1169	<b>TRT#:</b> F1-1	<b>DOSE:</b> 0 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND92
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c NonParent Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 11230

---

**TISSUE STATUS**

---

**No Visible Lesions**

ADRENAL GLAND	COAGULATING GLAND	COWPERS GLAND	DORSAL PROSTATE
EPIDIDYMIS	LEVATOR ANI PLUS BULBOCAVERNOSUS MUSCLE	LIVER	PITUITARY GLAND
SEMINAL VESICLE	SPLEEN	TESTIS	THYMUS
THYROID GLAND			

---

**OBSERVATIONS**

KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
VENTRAL PROSTATE	BILATERAL	INFLAMMATION, CHRONIC	MINIMAL

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 1171	<b>TRT#:</b> F1-1	<b>DOSE:</b> 0 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND92
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c NonParent Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 11231

---

**TISSUE STATUS**

**No Visible Lesions**

---

ADRENAL GLAND	COAGULATING GLAND	COWPERS GLAND	DORSAL PROSTATE
EPIDIDYMIS	LEVATOR ANI PLUS BULBOCAVERNOSUS MUSCLE	PITUITARY GLAND	SEMINAL VESICLE
SPLEEN	TESTIS	THYMUS	THYROID GLAND

---

**OBSERVATIONS**

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KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER		INFLAMMATION	FOCAL, MINIMAL
VENTRAL PROSTATE	BILATERAL	INFLAMMATION, CHRONIC	MINIMAL

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 1173	<b>TRT#:</b> F1-1	<b>DOSE:</b> 0 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND92
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c NonParent Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 11232

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**TISSUE STATUS**

---

**No Visible Lesions**

ADRENAL GLAND	COAGULATING GLAND	COWPERS GLAND	DORSAL PROSTATE
EPIDIDYMIS	LEVATOR ANI PLUS BULBOCAVERNOSUS MUSCLE	PITUITARY GLAND	SEMINAL VESICLE
SPLEEN	TESTIS	THYMUS	THYROID GLAND

---

**OBSERVATIONS**

KIDNEY	CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER	INFLAMMATION	FOCAL, MINIMAL
VENTRAL PROSTATE	INFILTRATION CELLULAR	LYMPHOCYTE, MINIMAL

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 1181	<b>TRT#:</b> F1-1	<b>DOSE:</b> 0 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND92
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c NonParent Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 11218

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**TISSUE STATUS**

---

**No Visible Lesions**

ADRENAL GLAND	COAGULATING GLAND	COWPERS GLAND	DORSAL PROSTATE
EPIDIDYMIS	LEVATOR ANI PLUS BULBOCAVERNOSUS MUSCLE	LIVER	PITUITARY GLAND
SEMINAL VESICLE	SPLEEN	TESTIS	THYMUS
THYROID GLAND			

---

**OBSERVATIONS**

KIDNEY	CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
VENTRAL PROSTATE	INFILTRATION CELLULAR	LYMPHOCYTE, MINIMAL

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 1183	<b>TRT#:</b> F1-1	<b>DOSE:</b> 0 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND92
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c NonParent Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 11219

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**TISSUE STATUS**

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**No Visible Lesions**

ADRENAL GLAND	COAGULATING GLAND	COWPERS GLAND	DORSAL PROSTATE
EPIDIDYMIS	LEVATOR ANI PLUS BULBOCAVERNOSUS MUSCLE	LIVER	PITUITARY GLAND
SEMINAL VESICLE	SPLEEN	TESTIS	THYMUS
THYROID GLAND			

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**OBSERVATIONS**

KIDNEY	CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
VENTRAL PROSTATE	INFLAMMATION, CHRONIC	MINIMAL

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 1185	<b>TRT#:</b> F1-1	<b>DOSE:</b> 0 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND92
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c NonParent Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 11220

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**TISSUE STATUS**

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**No Visible Lesions**

ADRENAL GLAND	COAGULATING GLAND	COWPERS GLAND	DORSAL PROSTATE
EPIDIDYMIS	LEVATOR ANI PLUS BULBOCAVERNOSUS MUSCLE	PITUITARY GLAND	SEMINAL VESICLE
SPLEEN	TESTIS	THYMUS	THYROID GLAND

---

**OBSERVATIONS**

KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER		INFLAMMATION	FOCAL, MINIMAL
VENTRAL PROSTATE	BILATERAL	INFLAMMATION, CHRONIC	MINIMAL

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 1193	<b>TRT#:</b> F1-1	<b>DOSE:</b> 0 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND91
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c NonParent Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 11333

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**TISSUE STATUS**

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**No Visible Lesions**

ADRENAL GLAND	COAGULATING GLAND	COWPERS GLAND	DORSAL PROSTATE
EPIDIDYMIS	LEVATOR ANI PLUS BULBOCAVERNOSUS MUSCLE	LIVER	PITUITARY GLAND
SEMINAL VESICLE	SPLEEN	TESTIS	THYMUS
THYROID GLAND			

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**OBSERVATIONS**

KIDNEY	CHRONIC PROGRESSIVE NEPHROPATHY	MILD
VENTRAL PROSTATE	INFILTRATION CELLULAR	LYMPHOCYTE, MINIMAL

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

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<b>ANIMAL ID:</b> 1195	<b>TRT#:</b> F1-1	<b>DOSE:</b> 0 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND91
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c NonParent Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 11334

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**TISSUE STATUS**

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**No Visible Lesions**

ADRENAL GLAND	COAGULATING GLAND	COWPERS GLAND	DORSAL PROSTATE
EPIDIDYMIS	LEVATOR ANI PLUS BULBOCAVERNOSUS MUSCLE	LIVER	PITUITARY GLAND
SEMINAL VESICLE	SPLEEN	TESTIS	THYROID GLAND

---

**OBSERVATIONS**

KIDNEY	CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
THYMUS	HYPERPLASIA	EPITHELIAL, MINIMAL
VENTRAL PROSTATE	INFILTRATION CELLULAR	LYMPHOCYTE, MINIMAL

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

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<b>ANIMAL ID:</b> 1197	<b>TRT#:</b> F1-1	<b>DOSE:</b> 0 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND91
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c NonParent Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 11335

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**TISSUE STATUS**

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**No Visible Lesions**

ADRENAL GLAND	COAGULATING GLAND	COWPERS GLAND	DORSAL PROSTATE
EPIDIDYMIS	LEVATOR ANI PLUS BULBOCAVERNOSUS MUSCLE	LIVER	PITUITARY GLAND
SEMINAL VESICLE	SPLEEN	TESTIS	THYMUS
THYROID GLAND	VENTRAL PROSTATE		

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**OBSERVATIONS**

KIDNEY	CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
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**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

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<b>ANIMAL ID:</b> 1309	<b>TRT#:</b> F1-2	<b>DOSE:</b> 1000 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND90
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c NonParent Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 10571

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**TISSUE STATUS**

**No Visible Lesions**

COWPERS GLAND  
TESTIS

DORSAL PROSTATE

EPIDIDYMIS

PITUITARY GLAND

**INSUFFICIENT TISSUE**

ADRENAL GLAND

**OBSERVATIONS**

VENTRAL PROSTATE

INFILTRATION CELLULAR

LYMPHOCYTE, MINIMAL

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 1311	<b>TRT#:</b> F1-2	<b>DOSE:</b> 1000 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND90
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c NonParent Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 10572

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**TISSUE STATUS**

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**No Visible Lesions**

COWPERS GLAND	DORSAL PROSTATE	EPIDIDYMIS	PITUITARY GLAND
TESTIS	VENTRAL PROSTATE - BILATERAL		

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**OBSERVATIONS**

VENTRAL PROSTATE	BILATERAL	INFLAMMATION, CHRONIC	MILD
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**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

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<b>ANIMAL ID:</b> 1317	<b>TRT#:</b> F1-2	<b>DOSE:</b> 1000 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND90
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c NonParent Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 10583

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**TISSUE STATUS**

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**No Visible Lesions**

COWPERS GLAND  
TESTIS

DORSAL PROSTATE

EPIDIDYMIS

PITUITARY GLAND

---

**OBSERVATIONS**

VENTRAL PROSTATE

INFILTRATION CELLULAR

LYMPHOCYTE, MINIMAL

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

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<b>ANIMAL ID:</b> 1325	<b>TRT#:</b> F1-2	<b>DOSE:</b> 1000 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND90
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c NonParent Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 10590

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**TISSUE STATUS**

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**No Visible Lesions**

COWPERS GLAND  
TESTIS

DORSAL PROSTATE

EPIDIDYMIS

PITUITARY GLAND

---

**OBSERVATIONS**

VENTRAL PROSTATE

INFLAMMATION, CHRONIC

MINIMAL

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 1327	<b>TRT#:</b> F1-2	<b>DOSE:</b> 1000 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND90
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c NonParent Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 10591

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**TISSUE STATUS**

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**No Visible Lesions**

COWPERS GLAND  
TESTIS

DORSAL PROSTATE  
VENTRAL PROSTATE

EPIDIDYMIS

PITUITARY GLAND

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

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<b>ANIMAL ID:</b> 1329	<b>TRT#:</b> F1-2	<b>DOSE:</b> 1000 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND90
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c NonParent Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 10592

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**TISSUE STATUS**

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**No Visible Lesions**

COWPERS GLAND  
TESTIS

DORSAL PROSTATE  
VENTRAL PROSTATE

EPIDIDYMIS

PITUITARY GLAND

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 1337	<b>TRT#:</b> F1-2	<b>DOSE:</b> 1000 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND90
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c NonParent Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 10725

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**TISSUE STATUS**

---

**No Visible Lesions**

COWPERS GLAND  
TESTIS

DORSAL PROSTATE

EPIDIDYMIS

PITUITARY GLAND

---

**OBSERVATIONS**

VENTRAL PROSTATE

BILATERAL

INFLAMMATION, CHRONIC

MINIMAL

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 1339	<b>TRT#:</b> F1-2	<b>DOSE:</b> 1000 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND90
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c NonParent Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 10726

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**TISSUE STATUS**

---

**No Visible Lesions**

COWPERS GLAND  
TESTIS

DORSAL PROSTATE

EPIDIDYMIS

PITUITARY GLAND

---

**OBSERVATIONS**

VENTRAL PROSTATE

BILATERAL

INFLAMMATION, CHRONIC

MODERATE

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

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<b>ANIMAL ID:</b> 1341	<b>TRT#:</b> F1-2	<b>DOSE:</b> 1000 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND90
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c NonParent Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 10728

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**TISSUE STATUS**

---

**No Visible Lesions**

COWPERS GLAND  
TESTIS

DORSAL PROSTATE

EPIDIDYMIS

PITUITARY GLAND

---

**OBSERVATIONS**

VENTRAL PROSTATE

INFILTRATION CELLULAR

LYMPHOCYTE, MINIMAL

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

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<b>ANIMAL ID:</b> 1355	<b>TRT#:</b> F1-2	<b>DOSE:</b> 1000 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND90
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c NonParent Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 10824

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**TISSUE STATUS**

---

**No Visible Lesions**

COWPERS GLAND  
TESTIS

DORSAL PROSTATE

EPIDIDYMIS

PITUITARY GLAND

---

**OBSERVATIONS**

VENTRAL PROSTATE

INFILTRATION CELLULAR

LYMPHOCYTE, MINIMAL

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

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<b>ANIMAL ID:</b> 1357	<b>TRT#:</b> F1-2	<b>DOSE:</b> 1000 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND90
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c NonParent Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 10825

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**TISSUE STATUS**

---

**No Visible Lesions**

COWPERS GLAND  
TESTIS

DORSAL PROSTATE

EPIDIDYMIS

PITUITARY GLAND

---

**OBSERVATIONS**

VENTRAL PROSTATE

INFLAMMATION, CHRONIC

MILD

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

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<b>ANIMAL ID:</b> 1359	<b>TRT#:</b> F1-2	<b>DOSE:</b> 1000 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND90
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c NonParent Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 10826

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**TISSUE STATUS**

---

**No Visible Lesions**

COWPERS GLAND  
TESTIS

DORSAL PROSTATE

EPIDIDYMIS

PITUITARY GLAND

---

**OBSERVATIONS**

LIVER

INFLAMMATION

CHRONIC, MODERATE

[ INFLAMMATION TGLS = 1-3A ]

VENTRAL PROSTATE

BILATERAL

INFLAMMATION, CHRONIC

MILD

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

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<b>ANIMAL ID:</b> 1367	<b>TRT#:</b> F1-2	<b>DOSE:</b> 1000 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND90
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c NonParent Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 10743

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**TISSUE STATUS**

---

**No Visible Lesions**

COWPERS GLAND  
TESTIS

DORSAL PROSTATE

EPIDIDYMIS

PITUITARY GLAND

---

**OBSERVATIONS**

VENTRAL PROSTATE

BILATERAL

INFLAMMATION, CHRONIC

MINIMAL

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

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<b>ANIMAL ID:</b> 1369	<b>TRT#:</b> F1-2	<b>DOSE:</b> 1000 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND90
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c NonParent Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 10744

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**TISSUE STATUS**

---

**No Visible Lesions**

COWPERS GLAND  
TESTIS

DORSAL PROSTATE

EPIDIDYMIS

PITUITARY GLAND

---

**OBSERVATIONS**

KIDNEY  
[ DILATION TGLS = 1-2 ]  
VENTRAL PROSTATE

PELVIS

DILATION

MINIMAL

INFILTRATION CELLULAR

LYMPHOCYTE, MINIMAL

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 1371	<b>TRT#:</b> F1-2	<b>DOSE:</b> 1000 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND90
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c NonParent Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 10745

---

**TISSUE STATUS**

---

**No Visible Lesions**

COWPERS GLAND  
TESTIS

DORSAL PROSTATE  
VENTRAL PROSTATE

EPIDIDYMIS

PITUITARY GLAND

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 1377	<b>TRT#:</b> F1-2	<b>DOSE:</b> 1000 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND90
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c NonParent Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 10756

---

**TISSUE STATUS**

---

**No Visible Lesions**

COWPERS GLAND  
TESTIS

DORSAL PROSTATE

EPIDIDYMIS

PITUITARY GLAND

---

**OBSERVATIONS**

KIDNEY  
[ DILATION TGLS = 1-2 ]  
VENTRAL PROSTATE

PELVIS

DILATION

MINIMAL

INFILTRATION CELLULAR

LYMPHOCYTE, MINIMAL

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 1379	<b>TRT#:</b> F1-2	<b>DOSE:</b> 1000 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND90
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c NonParent Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 10757

---

**TISSUE STATUS**

---

**No Visible Lesions**

COWPERS GLAND  
TESTIS

DORSAL PROSTATE

EPIDIDYMIS

PITUITARY GLAND

---

**OBSERVATIONS**

VENTRAL PROSTATE

INFILTRATION CELLULAR

LYMPHOCYTE, MINIMAL

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 1381	<b>TRT#:</b> F1-2	<b>DOSE:</b> 1000 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND90
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c NonParent Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 10759

---

**TISSUE STATUS**

---

**No Visible Lesions**

COWPERS GLAND  
TESTIS

DORSAL PROSTATE  
VENTRAL PROSTATE

EPIDIDYMIS

PITUITARY GLAND

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

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<b>ANIMAL ID:</b> 1391	<b>TRT#:</b> F1-2	<b>DOSE:</b> 1000 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND92
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c NonParent Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 11093

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**TISSUE STATUS**

---

**No Visible Lesions**

COWPERS GLAND  
TESTIS

DORSAL PROSTATE  
VENTRAL PROSTATE

EPIDIDYMIS

PITUITARY GLAND

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

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<b>ANIMAL ID:</b> 1393	<b>TRT#:</b> F1-2	<b>DOSE:</b> 1000 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND92
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c NonParent Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 11094

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**TISSUE STATUS**

---

**No Visible Lesions**

COWPERS GLAND  
TESTIS

DORSAL PROSTATE

EPIDIDYMIS

PITUITARY GLAND

---

**OBSERVATIONS**

VENTRAL PROSTATE

INFILTRATION CELLULAR

LYMPHOCYTE, MINIMAL

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**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 1407	<b>TRT#:</b> F1-2	<b>DOSE:</b> 1000 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND92
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c NonParent Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 11266

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**TISSUE STATUS**

---

**No Visible Lesions**

COWPERS GLAND  
TESTIS

DORSAL PROSTATE

EPIDIDYMIS

PITUITARY GLAND

---

**OBSERVATIONS**

VENTRAL PROSTATE

INFILTRATION CELLULAR

LYMPHOCYTE, MINIMAL

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

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<b>ANIMAL ID:</b> 1413	<b>TRT#:</b> F1-2	<b>DOSE:</b> 1000 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND92
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c NonParent Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 11278

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**TISSUE STATUS**

---

**No Visible Lesions**

COWPERS GLAND  
TESTIS

DORSAL PROSTATE  
VENTRAL PROSTATE

EPIDIDYMIS

PITUITARY GLAND

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**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

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<b>ANIMAL ID:</b> 1415	<b>TRT#:</b> F1-2	<b>DOSE:</b> 1000 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND92
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c NonParent Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 11279

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**TISSUE STATUS**

---

**No Visible Lesions**

COWPERS GLAND  
TESTIS

DORSAL PROSTATE  
VENTRAL PROSTATE

EPIDIDYMIS

PITUITARY GLAND

---

**OBSERVATIONS**

KIDNEY  
[ DILATION TGLS = 1-2 ]

PELVIS

DILATION

MINIMAL

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 1417	<b>TRT#:</b> F1-2	<b>DOSE:</b> 1000 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND92
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c NonParent Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 11280

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**TISSUE STATUS**

---

**No Visible Lesions**

COWPERS GLAND  
TESTIS

DORSAL PROSTATE  
VENTRAL PROSTATE

EPIDIDYMIS

PITUITARY GLAND

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 1429	<b>TRT#:</b> F1-2	<b>DOSE:</b> 1000 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND91
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c NonParent Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 11359

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**TISSUE STATUS**

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**No Visible Lesions**

COWPERS GLAND

DORSAL PROSTATE

EPIDIDYMIS

PITUITARY GLAND

---

**OBSERVATIONS**

TESTIS

GERMINAL EPITHELIUM

DEGENERATION

MINIMAL

VENTRAL PROSTATE

INFILTRATION CELLULAR

LYMPHOCYTE, MINIMAL

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**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 1431	<b>TRT#:</b> F1-2	<b>DOSE:</b> 1000 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND91
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c NonParent Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 11360

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**TISSUE STATUS**

---

**No Visible Lesions**

COWPERS GLAND  
TESTIS

DORSAL PROSTATE  
VENTRAL PROSTATE

EPIDIDYMIS

PITUITARY GLAND

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 1433	<b>TRT#:</b> F1-2	<b>DOSE:</b> 1000 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND91
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c NonParent Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 11361

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**TISSUE STATUS**

---

**No Visible Lesions**

COWPERS GLAND  
TESTIS

DORSAL PROSTATE  
VENTRAL PROSTATE

EPIDIDYMIS

PITUITARY GLAND

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 1439	<b>TRT#:</b> F1-2	<b>DOSE:</b> 1000 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND91
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c NonParent Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 11403

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**TISSUE STATUS**

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**No Visible Lesions**

COWPERS GLAND  
TESTIS

DORSAL PROSTATE  
VENTRAL PROSTATE

EPIDIDYMIS

PITUITARY GLAND

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 1445	<b>TRT#:</b> F1-2	<b>DOSE:</b> 1000 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND90
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c NonParent Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 11424

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**TISSUE STATUS**

---

**No Visible Lesions**

COWPERS GLAND  
TESTIS

DORSAL PROSTATE

EPIDIDYMIS

PITUITARY GLAND

---

**OBSERVATIONS**

VENTRAL PROSTATE

INFILTRATION CELLULAR

LYMPHOCYTE, MINIMAL

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**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

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<b>ANIMAL ID:</b> 1447	<b>TRT#:</b> F1-2	<b>DOSE:</b> 1000 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND90
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c NonParent Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 11425

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**TISSUE STATUS**

---

**No Visible Lesions**

COWPERS GLAND  
TESTIS

DORSAL PROSTATE

EPIDIDYMIS

PITUITARY GLAND

---

**OBSERVATIONS**

VENTRAL PROSTATE

INFILTRATION CELLULAR

LYMPHOCYTE, MINIMAL

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

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<b>ANIMAL ID:</b> 1449	<b>TRT#:</b> F1-2	<b>DOSE:</b> 1000 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND90
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c NonParent Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 11426

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**TISSUE STATUS**

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**No Visible Lesions**

COWPERS GLAND	DORSAL PROSTATE	EPIDIDYMIS	TESTIS
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**OBSERVATIONS**

PITUITARY GLAND	PARS DISTALIS	CYST	
VENTRAL PROSTATE		INFLAMMATION, CHRONIC	MINIMAL

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**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 1605	<b>TRT#:</b> F1-3	<b>DOSE:</b> 5000 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND90
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c NonParent Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 10524

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**TISSUE STATUS**

---

**No Visible Lesions**

COWPERS GLAND  
TESTIS

DORSAL PROSTATE  
VENTRAL PROSTATE

EPIDIDYMIS

PITUITARY GLAND

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

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<b>ANIMAL ID:</b> 1607	<b>TRT#:</b> F1-3	<b>DOSE:</b> 5000 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND90
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c NonParent Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 10526

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**TISSUE STATUS**

---

**No Visible Lesions**

COWPERS GLAND  
TESTIS

DORSAL PROSTATE

EPIDIDYMIS

PITUITARY GLAND

---

**OBSERVATIONS**

VENTRAL PROSTATE

BILATERAL

INFLAMMATION, CHRONIC

MINIMAL

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

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<b>ANIMAL ID:</b> 1613	<b>TRT#:</b> F1-3	<b>DOSE:</b> 5000 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND90
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c NonParent Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 10600

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**TISSUE STATUS**

---

**No Visible Lesions**

COWPERS GLAND  
VENTRAL PROSTATE

DORSAL PROSTATE

EPIDIDYMIS

TESTIS

---

**OBSERVATIONS**

PITUITARY GLAND

PARS DISTALIS

CYST

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

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<b>ANIMAL ID:</b> 1615	<b>TRT#:</b> F1-3	<b>DOSE:</b> 5000 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND90
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c NonParent Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 10601

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**TISSUE STATUS**

---

**No Visible Lesions**

COWPERS GLAND  
TESTIS

DORSAL PROSTATE  
VENTRAL PROSTATE

EPIDIDYMIS

PITUITARY GLAND

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**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

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<b>ANIMAL ID:</b> 1621	<b>TRT#:</b> F1-3	<b>DOSE:</b> 5000 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND90
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c NonParent Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 10473

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**TISSUE STATUS**

**No Visible Lesions**

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COAGULATING GLAND	COWPERS GLAND	DORSAL PROSTATE	EPIDIDYMIS
PITUITARY GLAND	TESTIS		

---

**OBSERVATIONS**

---

SEMINAL VESICLE	NO MICROSCOPIC CORRELATION	
[ NO MICROSCOPIC CORRELATION TGLS = 1-9, 2-9 ]		
VENTRAL PROSTATE	INFILTRATION CELLULAR	LYMPHOCYTE, MINIMAL

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 1627	<b>TRT#:</b> F1-3	<b>DOSE:</b> 5000 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND90
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c NonParent Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 10656

---

**TISSUE STATUS**

---

**No Visible Lesions**

COWPERS GLAND  
TESTIS

DORSAL PROSTATE

EPIDIDYMIS

PITUITARY GLAND

---

**OBSERVATIONS**

VENTRAL PROSTATE

INFILTRATION CELLULAR

LYMPHOCYTE, MINIMAL

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 1629	<b>TRT#:</b> F1-3	<b>DOSE:</b> 5000 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND90
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c NonParent Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 10657

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**TISSUE STATUS**

---

**No Visible Lesions**

COWPERS GLAND  
TESTIS

DORSAL PROSTATE

EPIDIDYMIS

PITUITARY GLAND

---

**OBSERVATIONS**

VENTRAL PROSTATE

INFLAMMATION, CHRONIC

MILD

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 1631	<b>TRT#:</b> F1-3	<b>DOSE:</b> 5000 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND90
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c NonParent Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 10658

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**TISSUE STATUS**

---

**No Visible Lesions**

COWPERS GLAND  
TESTIS

DORSAL PROSTATE

EPIDIDYMIS

PITUITARY GLAND

---

**OBSERVATIONS**

VENTRAL PROSTATE

BILATERAL

INFLAMMATION, CHRONIC

MILD

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

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<b>ANIMAL ID:</b> 1639	<b>TRT#:</b> F1-3	<b>DOSE:</b> 5000 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND90
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c NonParent Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 10769

---

**TISSUE STATUS**

---

**No Visible Lesions**

COWPERS GLAND  
TESTIS

DORSAL PROSTATE

EPIDIDYMIS

PITUITARY GLAND

---

**OBSERVATIONS**

VENTRAL PROSTATE

BILATERAL

INFLAMMATION, CHRONIC

MILD

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

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<b>ANIMAL ID:</b> 1645	<b>TRT#:</b> F1-3	<b>DOSE:</b> 5000 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND90
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c NonParent Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 10780

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**TISSUE STATUS**

---

**No Visible Lesions**

COWPERS GLAND	DORSAL PROSTATE	EPIDIDYMIS	TESTIS
VENTRAL PROSTATE			

---

**OBSERVATIONS**

KIDNEY	PELVIS	DILATION	MINIMAL
[ DILATION TGLS = 1-2 ]			
PITUITARY GLAND	PARS DISTALIS	CYST	MULTIPLE

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**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 1653	<b>TRT#:</b> F1-3	<b>DOSE:</b> 5000 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND90
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c NonParent Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 10875

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**TISSUE STATUS**

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**No Visible Lesions**

COWPERS GLAND  
TESTIS

DORSAL PROSTATE  
VENTRAL PROSTATE

EPIDIDYMIS

PITUITARY GLAND

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**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

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<b>ANIMAL ID:</b> 1655	<b>TRT#:</b> F1-3	<b>DOSE:</b> 5000 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND90
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c NonParent Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 10876

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**TISSUE STATUS**

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**No Visible Lesions**

COAGULATING GLAND	DORSAL PROSTATE	PITUITARY GLAND	SEMINAL VESICLE
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**OBSERVATIONS**

COWPERS GLAND		NO MICROSCOPIC CORRELATION	
[ NO MICROSCOPIC CORRELATION TGLS = 1-9 ]			
EPIDIDYMIS	DUCT	ATROPHY	MILD
	DUCT	EXFOLIATED GERM CELL	MODERATE
		HYOSPERMIA	MILD
[ EXFOLIATED GERM CELL TGLS = 2-11 ]			
TESTIS	GERMINAL EPITHELIUM	DEGENERATION	MODERATE
[ DEGENERATION TGLS = 3-11 ]			
VENTRAL PROSTATE		INFILTRATION CELLULAR	LYMPHOCYTE, MINIMAL

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

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<b>ANIMAL ID:</b> 1657	<b>TRT#:</b> F1-3	<b>DOSE:</b> 5000 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND90
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c NonParent Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 10877

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**TISSUE STATUS**

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**No Visible Lesions**

COAGULATING GLAND	DORSAL PROSTATE	EPIDIDYMIS	PITUITARY GLAND
SEMINAL VESICLE	TESTIS		

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**OBSERVATIONS**

COWPERS GLAND		NO MICROSCOPIC CORRELATION	
[ NO MICROSCOPIC CORRELATION TGLS = 1-9 ]			
DORSAL PROSTATE		NO MICROSCOPIC CORRELATION	
[ NO MICROSCOPIC CORRELATION TGLS = 2-9=NO MICROSCOPIC CORRELATION ]			
VENTRAL PROSTATE		INFILTRATION CELLULAR	LYMPHOCYTE, MILD
[ INFILTRATION CELLULAR TGLS = 3-9 ]			

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**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

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<b>ANIMAL ID:</b> 1667	<b>TRT#:</b> F1-3	<b>DOSE:</b> 5000 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND90
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c NonParent Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 10993

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**TISSUE STATUS**

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**No Visible Lesions**

COWPERS GLAND  
TESTIS

DORSAL PROSTATE

EPIDIDYMIS

PITUITARY GLAND

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**OBSERVATIONS**

VENTRAL PROSTATE

BILATERAL

INFLAMMATION, CHRONIC

MILD

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**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 1669	<b>TRT#:</b> F1-3	<b>DOSE:</b> 5000 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND90
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c NonParent Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 10994

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**TISSUE STATUS**

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**No Visible Lesions**

COWPERS GLAND  
TESTIS

DORSAL PROSTATE

EPIDIDYMIS

PITUITARY GLAND

---

**OBSERVATIONS**

VENTRAL PROSTATE

BILATERAL

INFLAMMATION, CHRONIC

MODERATE

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

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<b>ANIMAL ID:</b> 1671	<b>TRT#:</b> F1-3	<b>DOSE:</b> 5000 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND90
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c NonParent Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 10995

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**TISSUE STATUS**

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**No Visible Lesions**

COWPERS GLAND

DORSAL PROSTATE

PITUITARY GLAND

---

**OBSERVATIONS**

EPIDIDYMIS

DUCT

EXFOLIATED GERM CELL

MINIMAL

PREPUTIAL GLAND

INFLAMMATION, CHRONIC

MILD

[ INFLAMMATION, CHRONIC TGLS = 1-11, 2-11, 3-11 ]

TESTIS

GERMINAL EPITHELIUM

DEGENERATION

MINIMAL

VENTRAL PROSTATE

INFLAMMATION, CHRONIC

MINIMAL

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

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<b>ANIMAL ID:</b> 1681	<b>TRT#:</b> F1-3	<b>DOSE:</b> 5000 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND90
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c NonParent Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 10888

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**TISSUE STATUS**

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**No Visible Lesions**

COWPERS GLAND	DORSAL PROSTATE	PITUITARY GLAND	VENTRAL PROSTATE
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**OBSERVATIONS**

EPIDIDYMIS	DUCT	EXFOLIATED GERM CELL	MODERATE
TESTIS	GERMINAL EPITHELIUM	DEGENERATION	MODERATE

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**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 1683	<b>TRT#:</b> F1-3	<b>DOSE:</b> 5000 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND90
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c NonParent Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 10889

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**TISSUE STATUS**

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**No Visible Lesions**

COWPERS GLAND	DORSAL PROSTATE	PITUITARY GLAND	VENTRAL PROSTATE
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**OBSERVATIONS**

EPIDIDYMIS	DUCT	EXFOLIATED GERM CELL	MINIMAL
TESTIS	GERMINAL EPITHELIUM	DEGENERATION	MINIMAL

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 1685	<b>TRT#:</b> F1-3	<b>DOSE:</b> 5000 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND90
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c NonParent Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 10890

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**TISSUE STATUS**

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**No Visible Lesions**

COWPERS GLAND  
TESTIS

DORSAL PROSTATE

EPIDIDYMIS

PITUITARY GLAND

---

**OBSERVATIONS**

VENTRAL PROSTATE

INFLAMMATION, CHRONIC

MODERATE

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 1693	<b>TRT#:</b> F1-3	<b>DOSE:</b> 5000 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND90
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c NonParent Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 10903

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**TISSUE STATUS**

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**No Visible Lesions**

COWPERS GLAND  
TESTIS

DORSAL PROSTATE  
VENTRAL PROSTATE

EPIDIDYMIS

PITUITARY GLAND

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**OBSERVATIONS**

LIVER

HEPATOCTE

NECROSIS

MARKED

[ NECROSIS TGLS = 1-3A, 2-3A ]

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**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

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<b>ANIMAL ID:</b> 1695	<b>TRT#:</b> F1-3	<b>DOSE:</b> 5000 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND90
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c NonParent Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 10904

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**TISSUE STATUS**

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**No Visible Lesions**

COWPERS GLAND	DORSAL PROSTATE	EPIDIDYMIS	PITUITARY GLAND
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**OBSERVATIONS**

TESTIS	SEMIFEROUS TUBULE	DYSGENESIS	MINIMAL
VENTRAL PROSTATE		INFLAMMATION, CHRONIC	MINIMAL

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**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 1697	<b>TRT#:</b> F1-3	<b>DOSE:</b> 5000 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND90
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c NonParent Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 10905

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**TISSUE STATUS**

---

**No Visible Lesions**

COWPERS GLAND	DORSAL PROSTATE	EPIDIDYMIS	PITUITARY GLAND
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**OBSERVATIONS**

TESTIS	SEMIFEROUS TUBULE	DYSGENESIS	MINIMAL
VENTRAL PROSTATE		INFLAMMATION, CHRONIC	MILD

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**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

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<b>ANIMAL ID:</b> 1705	<b>TRT#:</b> F1-3	<b>DOSE:</b> 5000 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND90
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c NonParent Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 11003

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**TISSUE STATUS**

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**No Visible Lesions**

COWPERS GLAND  
VENTRAL PROSTATE

DORSAL PROSTATE

EPIDIDYMIS

PITUITARY GLAND

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**OBSERVATIONS**

TESTIS

GERMINAL EPITHELIUM

DEGENERATION

MINIMAL

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

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<b>ANIMAL ID:</b> 1707	<b>TRT#:</b> F1-3	<b>DOSE:</b> 5000 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND90
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c NonParent Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 11004

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**TISSUE STATUS**

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**No Visible Lesions**

COWPERS GLAND  
TESTIS

DORSAL PROSTATE

EPIDIDYMIS

PITUITARY GLAND

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**OBSERVATIONS**

VENTRAL PROSTATE

INFLAMMATION, CHRONIC

MINIMAL

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

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<b>ANIMAL ID:</b> 1709	<b>TRT#:</b> F1-3	<b>DOSE:</b> 5000 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND90
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c NonParent Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 11005

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**TISSUE STATUS**

---

**No Visible Lesions**

COWPERS GLAND  
TESTIS

DORSAL PROSTATE

EPIDIDYMIS

PITUITARY GLAND

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**OBSERVATIONS**

COWPERS GLAND

Tissue Note: ONE OF A PAIR PRESENT.

VENTRAL PROSTATE

INFILTRATION CELLULAR

LYMPHOCYTE, MINIMAL

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**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

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<b>ANIMAL ID:</b> 1715	<b>TRT#:</b> F1-3	<b>DOSE:</b> 5000 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND90
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c NonParent Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 10916

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**TISSUE STATUS**

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**No Visible Lesions**

COWPERS GLAND  
TESTIS

DORSAL PROSTATE

EPIDIDYMIS

PITUITARY GLAND

---

**OBSERVATIONS**

VENTRAL PROSTATE

INFLAMMATION, CHRONIC

MINIMAL

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

<b>ANIMAL ID:</b> 1717	<b>TRT#:</b> F1-3	<b>DOSE:</b> 5000 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND90
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c NonParent Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 10917

**TISSUE STATUS**

**No Visible Lesions**

COWPERS GLAND	EPIDIDYMIS	PITUITARY GLAND	TESTIS
<b>OBSERVATIONS</b>			
ADRENAL GLAND	CORTEX	HYPERPLASIA POLYARTERITIS NODOSA	MILD MINIMAL
[ HYPERPLASIA TGLS = 1-1 ]			
DORSAL PROSTATE		NO MICROSCOPIC CORRELATION	
[ NO MICROSCOPIC CORRELATION TGLS = 5-9 ]			
KIDNEY	PELVIS PAPILLA	CHRONIC PROGRESSIVE NEPHROPATHY DILATION MINERAL POLYARTERITIS NODOSA	MODERATE MINIMAL MINIMAL MILD
[ CHRONIC PROGRESSIVE NEPHROPATHY TGLS = 2-2 ]			
[ DILATION TGLS = 3-2 ]			
LEVATOR ANI PLUS BULBOCAVERNOSUS MUSCLE		NO MICROSCOPIC CORRELATION	
[ NO MICROSCOPIC CORRELATION TGLS = 4-10 ]			
LIVER		POLYARTERITIS NODOSA	MODERATE
SPLEEN		EXTRAMEDULLARY HEMATOPOIESIS	MINIMAL
[ EXTRAMEDULLARY HEMATOPOIESIS TGLS = 7-3 ]			
VENTRAL PROSTATE		NO MICROSCOPIC CORRELATION	
[ NO MICROSCOPIC CORRELATION TGLS = 6-9 ]			

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

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<b>ANIMAL ID:</b> 1719	<b>TRT#:</b> F1-3	<b>DOSE:</b> 5000 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND90
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c NonParent Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 10918

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**TISSUE STATUS**

---

**No Visible Lesions**

DORSAL PROSTATE

EPIDIDYMIS

PITUITARY GLAND

TESTIS

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**OBSERVATIONS**

COWPERS GLAND

[ NO MICROSCOPIC CORRELATION TGLS = 1-9 ]

NO MICROSCOPIC CORRELATION

LEVATOR ANI PLUS BULBOCAVERNOSUS  
MUSCLE

[ NO MICROSCOPIC CORRELATION TGLS = 2-10 ]

NO MICROSCOPIC CORRELATION

VENTRAL PROSTATE

INFLAMMATION, CHRONIC

MINIMAL

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 1737	<b>TRT#:</b> F1-3	<b>DOSE:</b> 5000 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND92
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c NonParent Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 11151

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**TISSUE STATUS**

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**No Visible Lesions**

COWPERS GLAND	DORSAL PROSTATE	EPIDIDYMIS	VENTRAL PROSTATE
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**OBSERVATIONS**

PITUITARY GLAND	PARS DISTALIS	CYST	
TESTIS	GERMINAL EPITHELIUM	DEGENERATION	MINIMAL

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 1739	<b>TRT#:</b> F1-3	<b>DOSE:</b> 5000 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND92
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c NonParent Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 11152

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**TISSUE STATUS**

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**No Visible Lesions**

COWPERS GLAND	DORSAL PROSTATE	PITUITARY GLAND	VENTRAL PROSTATE
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**OBSERVATIONS**

EPIDIDYMIS	DUCT	EXFOLIATED GERM CELL	MILD
		SPERM GRANULOMA	MILD
[ SPERM GRANULOMA TGLS = 1-8, 2-8 ]			
SEMINAL VESICLE		NO MICROSCOPIC CORRELATION	
[ NO MICROSCOPIC CORRELATION TGLS = 3-9 ]			
TESTIS	GERMINAL EPITHELIUM	DEGENERATION	MILD

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 1741	<b>TRT#:</b> F1-3	<b>DOSE:</b> 5000 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND92
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c NonParent Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 11153

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**TISSUE STATUS**

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**No Visible Lesions**

COWPERS GLAND  
TESTIS

DORSAL PROSTATE  
VENTRAL PROSTATE

EPIDIDYMIS

PITUITARY GLAND

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 1749	<b>TRT#:</b> F1-3	<b>DOSE:</b> 5000 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND92
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c NonParent Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 11143

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**TISSUE STATUS**

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**No Visible Lesions**

COWPERS GLAND  
TESTIS

DORSAL PROSTATE  
VENTRAL PROSTATE

EPIDIDYMIS

PITUITARY GLAND

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**OBSERVATIONS**

KIDNEY  
[ DILATION TGLS = 1-2 ]

PELVIS

DILATION

MODERATE

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

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<b>ANIMAL ID:</b> 1755	<b>TRT#:</b> F1-3	<b>DOSE:</b> 5000 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND92
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c NonParent Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 11300

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**TISSUE STATUS**

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**No Visible Lesions**

COWPERS GLAND  
TESTIS

DORSAL PROSTATE  
VENTRAL PROSTATE

EPIDIDYMIS

PITUITARY GLAND

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

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<b>ANIMAL ID:</b> 1757	<b>TRT#:</b> F1-3	<b>DOSE:</b> 5000 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND92
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c NonParent Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 11301

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**TISSUE STATUS**

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**No Visible Lesions**

COWPERS GLAND  
TESTIS

DORSAL PROSTATE

EPIDIDYMIS

PITUITARY GLAND

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**OBSERVATIONS**

VENTRAL PROSTATE

INFILTRATION CELLULAR

LYMPHOCYTE, MINIMAL

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**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

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<b>ANIMAL ID:</b> 1759	<b>TRT#:</b> F1-3	<b>DOSE:</b> 5000 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND92
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c NonParent Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 11302

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**TISSUE STATUS**

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**No Visible Lesions**

COWPERS GLAND  
TESTIS

DORSAL PROSTATE  
VENTRAL PROSTATE

EPIDIDYMIS

PITUITARY GLAND

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**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 1773	<b>TRT#:</b> F1-3	<b>DOSE:</b> 5000 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND91
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c NonParent Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 11370

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**TISSUE STATUS**

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**No Visible Lesions**

COWPERS GLAND	DORSAL PROSTATE	EPIDIDYMIS	PITUITARY GLAND
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**OBSERVATIONS**

TESTIS	GERMINAL EPITHELIUM	DEGENERATION	MINIMAL
VENTRAL PROSTATE	BILATERAL	INFLAMMATION, CHRONIC	MODERATE

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**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 1779	<b>TRT#:</b> F1-3	<b>DOSE:</b> 5000 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND91
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c NonParent Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 11393

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**TISSUE STATUS**

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**No Visible Lesions**

COWPERS GLAND  
TESTIS

DORSAL PROSTATE  
VENTRAL PROSTATE

EPIDIDYMIS

PITUITARY GLAND

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

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<b>ANIMAL ID:</b> 1781	<b>TRT#:</b> F1-3	<b>DOSE:</b> 5000 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND91
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c NonParent Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 11394

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**TISSUE STATUS**

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**No Visible Lesions**

COWPERS GLAND  
TESTIS

DORSAL PROSTATE

EPIDIDYMIS

PITUITARY GLAND

---

**OBSERVATIONS**

VENTRAL PROSTATE

INFLAMMATION, CHRONIC

MINIMAL

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

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<b>ANIMAL ID:</b> 1783	<b>TRT#:</b> F1-3	<b>DOSE:</b> 5000 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND91
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c NonParent Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 11395

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**TISSUE STATUS**

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**No Visible Lesions**

COWPERS GLAND  
TESTIS

DORSAL PROSTATE  
VENTRAL PROSTATE

EPIDIDYMIS

PITUITARY GLAND

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

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<b>ANIMAL ID:</b> 1907	<b>TRT#:</b> F1-4	<b>DOSE:</b> 10000 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND90
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c NonParent Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 10504

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**TISSUE STATUS**

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**No Visible Lesions**

ADRENAL GLAND	COAGULATING GLAND	COWPERS GLAND	DORSAL PROSTATE
LEVATOR ANI PLUS BULBOCAVERNOSUS MUSCLE	PITUITARY GLAND	SEMINAL VESICLE	SPLEEN
THYMUS	THYROID GLAND		

---

**OBSERVATIONS**

EPIDIDYMIS	DUCT	EXFOLIATED GERM CELL HYOSPERMIA	MILD MILD
[ EXFOLIATED GERM CELL TGLS = 1-8 ]			
[ HYOSPERMIA TGLS = 1-8 ]			
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER		INFLAMMATION	FOCAL, MINIMAL
TESTIS	GERMINAL EPITHELIUM	DEGENERATION	MODERATE
VENTRAL PROSTATE	BILATERAL	INFLAMMATION, CHRONIC	MILD

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 1909	<b>TRT#:</b> F1-4	<b>DOSE:</b> 10000 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND90
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c NonParent Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 10505

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**TISSUE STATUS**

**No Visible Lesions**

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ADRENAL GLAND	COAGULATING GLAND	COWPERS GLAND	DORSAL PROSTATE
EPIDIDYMIS	LEVATOR ANI PLUS BULBOCAVERNOSUS MUSCLE	LIVER	SEMINAL VESICLE
SPLEEN	THYMUS	THYROID GLAND	

---

**OBSERVATIONS**

---

KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
PITUITARY GLAND	PARS INTERMEDIA	CYST	
TESTIS	GERMINAL EPITHELIUM	DEGENERATION	MINIMAL
VENTRAL PROSTATE	BILATERAL	INFLAMMATION, CHRONIC	MILD

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 1915	<b>TRT#:</b> F1-4	<b>DOSE:</b> 10000 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND90
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c NonParent Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 10613

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**TISSUE STATUS**

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**No Visible Lesions**

ADRENAL GLAND	COAGULATING GLAND	COWPERS GLAND	DORSAL PROSTATE
EPIDIDYMIS	LEVATOR ANI PLUS BULBOCAVERNOSUS MUSCLE	PITUITARY GLAND	SEMINAL VESICLE
SPLEEN	TESTIS	THYMUS	THYROID GLAND

---

**OBSERVATIONS**

KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER		INFLAMMATION	FOCAL, MINIMAL
VENTRAL PROSTATE	BILATERAL	INFLAMMATION, CHRONIC	MODERATE

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 1917	<b>TRT#:</b> F1-4	<b>DOSE:</b> 10000 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND90
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c NonParent Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 10614

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**TISSUE STATUS**

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**No Visible Lesions**

ADRENAL GLAND	COAGULATING GLAND	COWPERS GLAND	DORSAL PROSTATE
EPIDIDYMIS	LEVATOR ANI PLUS BULBOCAVERNOSUS MUSCLE	PITUITARY GLAND	SEMINAL VESICLE
SPLEEN	TESTIS	THYMUS	THYROID GLAND

---

**OBSERVATIONS**

KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER		INFLAMMATION	FOCAL, MINIMAL
VENTRAL PROSTATE	BILATERAL	INFLAMMATION, CHRONIC	MODERATE

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

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<b>ANIMAL ID:</b> 1927	<b>TRT#:</b> F1-4	<b>DOSE:</b> 10000 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND90
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c NonParent Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 10791

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**TISSUE STATUS**

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**No Visible Lesions**

ADRENAL GLAND	COAGULATING GLAND	COWPERS GLAND	DORSAL PROSTATE
EPIDIDYMIS	LEVATOR ANI PLUS BULBOCAVERNOSUS MUSCLE	LIVER	PITUITARY GLAND
SEMINAL VESICLE	SPLEEN	TESTIS	THYMUS
THYROID GLAND			

---

**OBSERVATIONS**

KIDNEY	CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
VENTRAL PROSTATE	INFILTRATION CELLULAR	LYMPHOCYTE, MINIMAL

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 1929	<b>TRT#:</b> F1-4	<b>DOSE:</b> 10000 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND90
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c NonParent Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 10792

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**TISSUE STATUS**

**No Visible Lesions**

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ADRENAL GLAND	COAGULATING GLAND	COWPERS GLAND	DORSAL PROSTATE
EPIDIDYMIS	LEVATOR ANI PLUS BULBOCAVERNOSUS MUSCLE	PITUITARY GLAND	SEMINAL VESICLE
SPLEEN	TESTIS	THYMUS	THYROID GLAND

---

**OBSERVATIONS**

KIDNEY	CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER	INFLAMMATION	FOCAL, MINIMAL
VENTRAL PROSTATE	INFILTRATION CELLULAR	LYMPHOCYTE, MINIMAL
	NO MICROSCOPIC CORRELATION	

[ NO MICROSCOPIC CORRELATION TGLS = 1-9 ]

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**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

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<b>ANIMAL ID:</b> 1937	<b>TRT#:</b> F1-4	<b>DOSE:</b> 10000 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND90
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c NonParent Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 10693

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**TISSUE STATUS**

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**No Visible Lesions**

ADRENAL GLAND	COAGULATING GLAND	COWPERS GLAND	DORSAL PROSTATE
EPIDIDYMIS	LEVATOR ANI PLUS BULBOCAVERNOSUS MUSCLE	PITUITARY GLAND	SEMINAL VESICLE
SPLEEN	TESTIS	THYMUS	THYROID GLAND

---

**OBSERVATIONS**

KIDNEY	CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER	INFLAMMATION	FOCAL, MINIMAL
VENTRAL PROSTATE	INFILTRATION CELLULAR	LYMPHOCYTE, MINIMAL

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

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<b>ANIMAL ID:</b> 1939	<b>TRT#:</b> F1-4	<b>DOSE:</b> 10000 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND90
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c NonParent Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 10694

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**TISSUE STATUS**

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**No Visible Lesions**

ADRENAL GLAND	COAGULATING GLAND	COWPERS GLAND	DORSAL PROSTATE
EPIDIDYMIS	LEVATOR ANI PLUS BULBOCAVERNOSUS MUSCLE	PITUITARY GLAND	SEMINAL VESICLE
SPLEEN	TESTIS	THYMUS	THYROID GLAND

---

**OBSERVATIONS**

KIDNEY	CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER	INFLAMMATION	FOCAL, MINIMAL
VENTRAL PROSTATE	INFILTRATION CELLULAR	LYMPHOCYTE, MINIMAL

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

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<b>ANIMAL ID:</b> 1941	<b>TRT#:</b> F1-4	<b>DOSE:</b> 10000 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND90
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c NonParent Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 10695

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**TISSUE STATUS**

**No Visible Lesions**

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ADRENAL GLAND	COAGULATING GLAND	COWPERS GLAND	DORSAL PROSTATE
EPIDIDYMIS	LEVATOR ANI PLUS BULBOCAVERNOSUS MUSCLE	PITUITARY GLAND	SEMINAL VESICLE
SPLEEN	TESTIS	THYMUS	THYROID GLAND

---

**OBSERVATIONS**

---

KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
	MEDULLA	CYST	
LIVER		INFLAMMATION	FOCAL, MINIMAL
VENTRAL PROSTATE		INFILTRATION CELLULAR	LYMPHOCYTE, MINIMAL

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

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<b>ANIMAL ID:</b> 1949	<b>TRT#:</b> F1-4	<b>DOSE:</b> 10000 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND90
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c NonParent Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 10805

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**TISSUE STATUS**

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**No Visible Lesions**

ADRENAL GLAND	COAGULATING GLAND	COWPERS GLAND	DORSAL PROSTATE
EPIDIDYMIS	LEVATOR ANI PLUS BULBOCAVERNOSUS MUSCLE	PITUITARY GLAND	SEMINAL VESICLE
SPLEEN	TESTIS	THYROID GLAND	

---

**OBSERVATIONS**

KIDNEY	CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER	INFLAMMATION	FOCAL, MINIMAL
THYMUS	HYPERPLASIA	EPITHELIAL, MINIMAL
VENTRAL PROSTATE	INFLAMMATION, CHRONIC	MILD

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

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<b>ANIMAL ID:</b> 1955	<b>TRT#:</b> F1-4	<b>DOSE:</b> 10000 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND90
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c NonParent Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 11018

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**TISSUE STATUS**

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**No Visible Lesions**

ADRENAL GLAND	COAGULATING GLAND	COWPERS GLAND	DORSAL PROSTATE
EPIDIDYMIS	LEVATOR ANI PLUS BULBOCAVERNOSUS MUSCLE	LIVER	PITUITARY GLAND
SEMINAL VESICLE	SPLEEN	TESTIS	THYMUS
THYROID GLAND	VENTRAL PROSTATE		

---

**OBSERVATIONS**

KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
	MEDULLA	CYST	
	PELVIS	DILATION	MINIMAL

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

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<b>ANIMAL ID:</b> 1957	<b>TRT#:</b> F1-4	<b>DOSE:</b> 10000 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND90
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c NonParent Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 11019

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**TISSUE STATUS**

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**No Visible Lesions**

ADRENAL GLAND	COAGULATING GLAND	COWPERS GLAND	DORSAL PROSTATE
EPIDIDYMIS	LEVATOR ANI PLUS BULBOCAVERNOSUS MUSCLE	PITUITARY GLAND	SEMINAL VESICLE
SPLEEN	TESTIS	THYMUS	THYROID GLAND

---

**OBSERVATIONS**

KIDNEY	CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER	INFLAMMATION	FOCAL, MINIMAL
VENTRAL PROSTATE	INFILTRATION CELLULAR	LYMPHOCYTE, MINIMAL
	NO MICROSCOPIC CORRELATION	

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[ NO MICROSCOPIC CORRELATION TGLS = 1-9 ]

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**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

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<b>ANIMAL ID:</b> 1959	<b>TRT#:</b> F1-4	<b>DOSE:</b> 10000 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND90
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c NonParent Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 11020

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**TISSUE STATUS**

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**No Visible Lesions**

ADRENAL GLAND	COAGULATING GLAND	COWPERS GLAND	DORSAL PROSTATE
EPIDIDYMIS	LEVATOR ANI PLUS BULBOCAVERNOSUS MUSCLE	PITUITARY GLAND	SEMINAL VESICLE
SPLEEN	TESTIS	THYMUS	THYROID GLAND

---

**OBSERVATIONS**

KIDNEY	CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER	INFLAMMATION	FOCAL, MINIMAL
VENTRAL PROSTATE	INFILTRATION CELLULAR	LYMPHOCYTE, MINIMAL

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

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<b>ANIMAL ID:</b> 1965	<b>TRT#:</b> F1-4	<b>DOSE:</b> 10000 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND90
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c NonParent Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 11033

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**TISSUE STATUS**

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**No Visible Lesions**

ADRENAL GLAND	COAGULATING GLAND	COWPERS GLAND	DORSAL PROSTATE
EPIDIDYMIS	LEVATOR ANI PLUS BULBOCAVERNOSUS MUSCLE	PITUITARY GLAND	SEMINAL VESICLE
SPLEEN	TESTIS	THYMUS	THYROID GLAND

---

**OBSERVATIONS**

KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER		INFLAMMATION	FOCAL, MINIMAL
VENTRAL PROSTATE	BILATERAL	INFLAMMATION, CHRONIC	MINIMAL

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

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<b>ANIMAL ID:</b> 1967	<b>TRT#:</b> F1-4	<b>DOSE:</b> 10000 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND90
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c NonParent Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 11034

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**TISSUE STATUS**

**No Visible Lesions**

ADRENAL GLAND	COAGULATING GLAND	COWPERS GLAND	DORSAL PROSTATE
EPIDIDYMIS	LEVATOR ANI PLUS BULBOCAVERNOSUS MUSCLE	LIVER	PITUITARY GLAND
SEMINAL VESICLE	SPLEEN	TESTIS	THYMUS
THYROID GLAND			

---

**OBSERVATIONS**

KIDNEY	CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
VENTRAL PROSTATE	INFILTRATION CELLULAR	LYMPHOCYTE, MINIMAL

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**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 1969	<b>TRT#:</b> F1-4	<b>DOSE:</b> 10000 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND90
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c NonParent Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 11035

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**TISSUE STATUS**

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**No Visible Lesions**

ADRENAL GLAND	COAGULATING GLAND	COWPERS GLAND	DORSAL PROSTATE
LEVATOR ANI PLUS BULBOCAVERNOSUS MUSCLE	PITUITARY GLAND	SPLEEN	THYMUS
THYROID GLAND			

---

**OBSERVATIONS**

EPIDIDYMIS	DUCT	EXFOLIATED GERM CELL	MILD
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MILD
LIVER		INFLAMMATION	FOCAL, MINIMAL
SEMINAL VESICLE		NO MICROSCOPIC CORRELATION	
[ NO MICROSCOPIC CORRELATION TGLS = 1-9 ]			
TESTIS	GERMINAL EPITHELIUM	DEGENERATION	MINIMAL
VENTRAL PROSTATE	BILATERAL	INFLAMMATION, CHRONIC	MINIMAL

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

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<b>ANIMAL ID:</b> 1979	<b>TRT#:</b> F1-4	<b>DOSE:</b> 10000 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND90
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c NonParent Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 10964

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**TISSUE STATUS**

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**No Visible Lesions**

ADRENAL GLAND	COAGULATING GLAND	COWPERS GLAND	DORSAL PROSTATE
EPIDIDYMIS	LEVATOR ANI PLUS BULBOCAVERNOSUS MUSCLE	SEMINAL VESICLE	SPLEEN
THYMUS	THYROID GLAND	VENTRAL PROSTATE	

---

**OBSERVATIONS**

KIDNEY	RENAL TUBULE	ADENOMA	
		CHRONIC PROGRESSIVE NEPHROPATHY	MILD
LIVER		INFLAMMATION	FOCAL, MINIMAL
PITUITARY GLAND	PARS DISTALIS	HYPERTROPHY	MINIMAL
TESTIS	SEMINIFEROUS TUBULE	DYSGENESIS	MINIMAL

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

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<b>ANIMAL ID:</b> 1981	<b>TRT#:</b> F1-4	<b>DOSE:</b> 10000 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND90
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c NonParent Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 10966

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**TISSUE STATUS**

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**No Visible Lesions**

ADRENAL GLAND	COAGULATING GLAND	COWPERS GLAND	DORSAL PROSTATE
EPIDIDYMIS	LEVATOR ANI PLUS BULBOCAVERNOSUS MUSCLE	PITUITARY GLAND	SEMINAL VESICLE
SPLEEN	TESTIS	THYMUS	THYROID GLAND
VENTRAL PROSTATE			

---

**OBSERVATIONS**

KIDNEY	CHRONIC PROGRESSIVE NEPHROPATHY	MILD
LIVER	INFLAMMATION	FOCAL, MINIMAL

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

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<b>ANIMAL ID:</b> 1983	<b>TRT#:</b> F1-4	<b>DOSE:</b> 10000 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND90
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c NonParent Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 10967

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**TISSUE STATUS**

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**No Visible Lesions**

ADRENAL GLAND	COAGULATING GLAND	COWPERS GLAND	DORSAL PROSTATE
EPIDIDYMIS	LEVATOR ANI PLUS BULBOCAVERNOSUS MUSCLE	PITUITARY GLAND	SEMINAL VESICLE
SPLEEN	TESTIS	THYMUS	THYROID GLAND
VENTRAL PROSTATE			

---

**OBSERVATIONS**

KIDNEY	CHRONIC PROGRESSIVE NEPHROPATHY	MILD
LIVER	INFLAMMATION	FOCAL, MILD

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

<b>ANIMAL ID:</b> 1993	<b>TRT#:</b> F1-4	<b>DOSE:</b> 10000 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND90
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c NonParent Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 10931

**TISSUE STATUS**

**No Visible Lesions**

ADRENAL GLAND	COAGULATING GLAND	SEMINAL VESICLE	SPLEEN
THYMUS	THYROID GLAND		

**MISSING**

DORSAL PROSTATE

**OBSERVATIONS**

COWPERS GLAND		HYPOPLASIA	MODERATE
[ HYPOPLASIA TGLS = 1-9 ]			
EPIDIDYMIS	DUCT	ATROPHY	MARKED
		HYOSPERMIA	MARKED
[ ATROPHY TGLS = 2-11 ]			
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MILD
LEVATOR ANI PLUS BULBOCAVERNOSUS MUSCLE		HYPOPLASIA	MODERATE
[ HYPOPLASIA TGLS = 3-10 ]			
LIVER		INFLAMMATION	FOCAL, MINIMAL
PITUITARY GLAND	PARS DISTALIS	HYPERTROPHY	MINIMAL
TESTIS	GERMINAL EPITHELIUM	ATROPHY	MARKED
		EDEMA	MILD
	INTERSTITIAL CELL	HYPERPLASIA	DIFFUSE, MINIMAL
[ ATROPHY TGLS = 5-11 ]			
VENTRAL PROSTATE		INFILTRATION CELLULAR	LYMPHOCYTE, MINIMAL
		NO MICROSCOPIC CORRELATION	
[ NO MICROSCOPIC CORRELATION TGLS = 4-9 ]			

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

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<b>ANIMAL ID:</b> 1995	<b>TRT#:</b> F1-4	<b>DOSE:</b> 10000 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND90
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c NonParent Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 10932

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**TISSUE STATUS**

**No Visible Lesions**

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COAGULATING GLAND	COWPERS GLAND	DORSAL PROSTATE	EPIDIDYMIS
LEVATOR ANI PLUS BULBOCAVERNOSUS MUSCLE	PITUITARY GLAND	SEMINAL VESICLE	SPLEEN
THYMUS	THYROID GLAND		

---

**NOT COLLECTED**

EYE

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**OBSERVATIONS**

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ADRENAL GLAND	CORTEX	VACUOLATION	DIFFUSE, MINIMAL
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
	PELVIS	DILATION	MINIMAL
	PAPILLA	MINERAL	MINIMAL
[ DILATION TGLS = 1-2 ]			
LIVER		INFLAMMATION	FOCAL, MINIMAL
TESTIS	INTERSTITIAL CELL	HYPERPLASIA	FOCAL, MINIMAL
VENTRAL PROSTATE		INFLAMMATION, CHRONIC	MINIMAL

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

<b>ANIMAL ID:</b> 1997	<b>TRT#:</b> F1-4	<b>DOSE:</b> 10000 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND90
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c NonParent Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 10933

**TISSUE STATUS**

**No Visible Lesions**

ADRENAL GLAND	COAGULATING GLAND	COWPERS GLAND	DORSAL PROSTATE
SPLEEN	THYMUS	THYROID GLAND	

**OBSERVATIONS**

EPIDIDYMIS	DUCT	ATROPHY	MARKED
	DUCT	EXFOLIATED GERM CELL	MILD
		HYOSPERMIA	MINIMAL
[ ATROPHY TGLS = 1-8 ]			
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
	PAPILLA	MINERAL	MINIMAL
LEVATOR ANI PLUS BULBOCAVERNOSUS MUSCLE		NO MICROSCOPIC CORRELATION	
[ NO MICROSCOPIC CORRELATION TGLS = 2-10 ]			
LIVER		INFLAMMATION	FOCAL, MINIMAL
PITUITARY GLAND	PARS DISTALIS	HYPERTROPHY	MINIMAL
SEMINAL VESICLE		NO MICROSCOPIC CORRELATION	
[ NO MICROSCOPIC CORRELATION TGLS = 4-9 ]			
TESTIS	GERMINAL EPITHELIUM	DEGENERATION	MARKED
		EDEMA	MILD
	INTERSTITIAL CELL	HYPERPLASIA	DIFFUSE, MILD
[ DEGENERATION TGLS = 5-8 ]			
VENTRAL PROSTATE		INFILTRATION CELLULAR	LYMPHOCYTE, MINIMAL
[ NO MICROSCOPIC CORRELATION TGLS = 3-9 ]		NO MICROSCOPIC CORRELATION	

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 2005	<b>TRT#:</b> F1-4	<b>DOSE:</b> 10000 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND92
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c NonParent Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 11074

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**TISSUE STATUS**

**No Visible Lesions**

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ADRENAL GLAND	COAGULATING GLAND	COWPERS GLAND	DORSAL PROSTATE
EPIDIDYMIS	LEVATOR ANI PLUS BULBOCAVERNOSUS MUSCLE	PITUITARY GLAND	SEMINAL VESICLE
SPLEEN	TESTIS	THYMUS	THYROID GLAND

---

**OBSERVATIONS**

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KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
	PAPILLA	MINERAL	MINIMAL
LIVER		INFLAMMATION	FOCAL, MINIMAL
VENTRAL PROSTATE		INFLAMMATION, CHRONIC	MINIMAL

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

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<b>ANIMAL ID:</b> 2007	<b>TRT#:</b> F1-4	<b>DOSE:</b> 10000 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND92
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c NonParent Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 11075

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**TISSUE STATUS**

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**No Visible Lesions**

ADRENAL GLAND	COAGULATING GLAND	COWPERS GLAND	DORSAL PROSTATE
EPIDIDYMIS	LEVATOR ANI PLUS BULBOCAVERNOSUS MUSCLE	PITUITARY GLAND	SEMINAL VESICLE
SPLEEN	THYMUS	THYROID GLAND	

---

**OBSERVATIONS**

KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER		INFLAMMATION	FOCAL, MINIMAL
TESTIS	GERMINAL EPITHELIUM	DEGENERATION	MINIMAL
VENTRAL PROSTATE		INFILTRATION CELLULAR	LYMPHOCYTE, MINIMAL

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**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

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<b>ANIMAL ID:</b> 2015	<b>TRT#:</b> F1-4	<b>DOSE:</b> 10000 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND92
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c NonParent Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 11114

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**TISSUE STATUS**

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**No Visible Lesions**

ADRENAL GLAND	COAGULATING GLAND	COWPERS GLAND	DORSAL PROSTATE
EPIDIDYMIS	LEVATOR ANI PLUS BULBOCAVERNOSUS MUSCLE	SEMINAL VESICLE	SPLEEN
TESTIS	THYMUS	THYROID GLAND	

---

**OBSERVATIONS**

KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER		INFLAMMATION	FOCAL, MINIMAL
PITUITARY GLAND	PARS DISTALIS	CYST	
VENTRAL PROSTATE		INFILTRATION CELLULAR	LYMPHOCYTE, MINIMAL

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

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<b>ANIMAL ID:</b> 2017	<b>TRT#:</b> F1-4	<b>DOSE:</b> 10000 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND92
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c NonParent Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 11115

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**TISSUE STATUS**

---

**No Visible Lesions**

ADRENAL GLAND	COAGULATING GLAND	COWPERS GLAND	EPIDIDYMIS
LEVATOR ANI PLUS BULBOCAVERNOSUS MUSCLE	PITUITARY GLAND	SEMINAL VESICLE	SPLEEN
TESTIS	THYMUS	THYROID GLAND	

---

**OBSERVATIONS**

DORSAL PROSTATE		NO MICROSCOPIC CORRELATION	
[ NO MICROSCOPIC CORRELATION TGLS = 1-9 ]			
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
	MEDULLA	CYST	
LIVER		INFLAMMATION	FOCAL, MINIMAL
VENTRAL PROSTATE		INFILTRATION CELLULAR	LYMPHOCYTE, MINIMAL

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 2019	<b>TRT#:</b> F1-4	<b>DOSE:</b> 10000 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND92
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c NonParent Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 11116

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**TISSUE STATUS**

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**No Visible Lesions**

ADRENAL GLAND	COAGULATING GLAND	COWPERS GLAND	DORSAL PROSTATE
EPIDIDYMIS	LEVATOR ANI PLUS BULBOCAVERNOSUS MUSCLE	PITUITARY GLAND	SEMINAL VESICLE
SPLEEN	TESTIS	THYMUS	THYROID GLAND

---

**OBSERVATIONS**

KIDNEY	CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER	INFLAMMATION	FOCAL, MINIMAL
VENTRAL PROSTATE	INFILTRATION CELLULAR	LYMPHOCYTE, MINIMAL

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 2033	<b>TRT#:</b> F1-4	<b>DOSE:</b> 10000 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND92
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c NonParent Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 11059

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**TISSUE STATUS**

**No Visible Lesions**

ADRENAL GLAND	COAGULATING GLAND	COWPERS GLAND	DORSAL PROSTATE
LEVATOR ANI PLUS BULBOCAVERNOSUS MUSCLE	PITUITARY GLAND	SEMINAL VESICLE	SPLEEN
THYMUS	THYROID GLAND		

---

**NOT PRESENT**

TESTIS

---

**OBSERVATIONS**

DIGIT		HYPOPLASIA	MILD
[ HYPOPLASIA TGLS = 1-11 ]			
EPIDIDYMIS	DUCT	ATROPHY	MARKED
		HYOSPERMIA	MARKED
[ ATROPHY TGLS = 2-13 ]			
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER		INFLAMMATION	FOCAL, MINIMAL
PENIS		NO MICROSCOPIC CORRELATION	
[ NO MICROSCOPIC CORRELATION TGLS = 3-12 ]			
TESTIS		NO MICROSCOPIC FINDING RECORDED	
Tissue Note: NOT PRESENT			
[ NO MICROSCOPIC FINDING RECORDED TGLS = 4-13 ]			
VENTRAL PROSTATE		INFILTRATION CELLULAR	LYMPHOCYTE, MINIMAL

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 2035	<b>TRT#:</b> F1-4	<b>DOSE:</b> 10000 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND92
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c NonParent Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 11060

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**TISSUE STATUS**

**No Visible Lesions**

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ADRENAL GLAND	COAGULATING GLAND	COWPERS GLAND	DORSAL PROSTATE
KIDNEY	LEVATOR ANI PLUS BULBOCAVERNOSUS MUSCLE	LIVER	PITUITARY GLAND
SEMINAL VESICLE	SPLEEN	THYMUS	THYROID GLAND

---

**OBSERVATIONS**

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EPIDIDYMIS	DUCT	EXFOLIATED GERM CELL	MILD
PAW		NO MICROSCOPIC CORRELATION	
[ NO MICROSCOPIC CORRELATION TGLS = 1-11 ]			
TESTIS	GERMINAL EPITHELIUM	DEGENERATION	MILD
VENTRAL PROSTATE	BILATERAL	INFLAMMATION, CHRONIC	MINIMAL

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 2037	<b>TRT#:</b> F1-4	<b>DOSE:</b> 10000 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND92
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c NonParent Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 11061

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**TISSUE STATUS**

**No Visible Lesions**

ADRENAL GLAND	COAGULATING GLAND	COWPERS GLAND	DORSAL PROSTATE
LEVATOR ANI PLUS BULBOCAVERNOSUS MUSCLE	PITUITARY GLAND	SEMINAL VESICLE	SPLEEN
THYMUS	THYROID GLAND		

---

**OBSERVATIONS**

EPIDIDYMIS	DUCT	EXFOLIATED GERM CELL	MODERATE
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER		INFLAMMATION	FOCAL, MINIMAL
TESTIS	GERMINAL EPITHELIUM	DEGENERATION	MILD
VENTRAL PROSTATE	BILATERAL	INFLAMMATION, CHRONIC	MILD

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 2047	<b>TRT#:</b> F1-4	<b>DOSE:</b> 10000 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND92
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c NonParent Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 11292

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**TISSUE STATUS**

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**No Visible Lesions**

ADRENAL GLAND	COAGULATING GLAND	COWPERS GLAND	DORSAL PROSTATE
EPIDIDYMIS	LEVATOR ANI PLUS BULBOCAVERNOSUS MUSCLE	PITUITARY GLAND	SEMINAL VESICLE
SPLEEN	TESTIS	THYMUS	THYROID GLAND

---

**OBSERVATIONS**

COAGULATING GLAND			
Tissue Note: ONE OF A PAIR PRESENT.			
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
	MEDULLA	CYST	
LIVER		INFLAMMATION	FOCAL, MINIMAL
VENTRAL PROSTATE	BILATERAL	INFLAMMATION, CHRONIC	MILD

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

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<b>ANIMAL ID:</b> 2049	<b>TRT#:</b> F1-4	<b>DOSE:</b> 10000 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND92
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c NonParent Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 11293

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**TISSUE STATUS**

**No Visible Lesions**

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ADRENAL GLAND	COAGULATING GLAND	COWPERS GLAND	DORSAL PROSTATE
LEVATOR ANI PLUS BULBOCAVERNOSUS MUSCLE	PITUITARY GLAND	SEMINAL VESICLE	SPLEEN
THYMUS	THYROID GLAND	VENTRAL PROSTATE	

---

**OBSERVATIONS**

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EPIDIDYMIS	DUCT	EXFOLIATED GERM CELL	MINIMAL
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MILD
	MEDULLA	CYST	
LIVER		INFLAMMATION	FOCAL, MINIMAL
TESTIS	GERMINAL EPITHELIUM	DEGENERATION	MILD

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

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<b>ANIMAL ID:</b> 2051	<b>TRT#:</b> F1-4	<b>DOSE:</b> 10000 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND92
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c NonParent Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 11294

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**TISSUE STATUS**

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**No Visible Lesions**

ADRENAL GLAND	COAGULATING GLAND	COWPERS GLAND	DORSAL PROSTATE
EPIDIDYMIS	LEVATOR ANI PLUS BULBOCAVERNOSUS MUSCLE	PITUITARY GLAND	SEMINAL VESICLE
SPLEEN	TESTIS	THYMUS	THYROID GLAND
VENTRAL PROSTATE			

---

**OBSERVATIONS**

KIDNEY	CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER	INFLAMMATION	FOCAL, MINIMAL

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 2059	<b>TRT#:</b> F1-4	<b>DOSE:</b> 10000 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND92
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c NonParent Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 11312

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**TISSUE STATUS**

---

**No Visible Lesions**

ADRENAL GLAND	COAGULATING GLAND	COWPERS GLAND	DORSAL PROSTATE
KIDNEY	LEVATOR ANI PLUS BULBOCAVERNOSUS MUSCLE	PITUITARY GLAND	SEMINAL VESICLE
SPLEEN	THYMUS	THYROID GLAND	

---

**OBSERVATIONS**

EPIDIDYMIS	DUCT	EXFOLIATED GERM CELL	MINIMAL
LIVER		INFLAMMATION	FOCAL, MINIMAL
TESTIS	GERMINAL EPITHELIUM	DEGENERATION	MINIMAL
VENTRAL PROSTATE	BILATERAL	INFLAMMATION, CHRONIC	MILD

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 2061	<b>TRT#:</b> F1-4	<b>DOSE:</b> 10000 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND92
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c NonParent Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 11313

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**TISSUE STATUS**

**No Visible Lesions**

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ADRENAL GLAND	COAGULATING GLAND	COWPERS GLAND	DORSAL PROSTATE
EPIDIDYMIS	LEVATOR ANI PLUS BULBOCAVERNOSUS MUSCLE	PITUITARY GLAND	SEMINAL VESICLE
SPLEEN	THYMUS	THYROID GLAND	

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**OBSERVATIONS**

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KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER		INFLAMMATION	CHRONIC, MILD
[ INFLAMMATION TGLS = 1-11, 2-11, 3-11 ]			
TESTIS	INTERSTITIAL CELL	HYPERPLASIA	FOCAL, MINIMAL
VENTRAL PROSTATE		INFILTRATION CELLULAR	LYMPHOCYTE, MINIMAL

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 2063	<b>TRT#:</b> F1-4	<b>DOSE:</b> 10000 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND92
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c NonParent Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 11314

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**TISSUE STATUS**

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**No Visible Lesions**

COAGULATING GLAND	COWPERS GLAND	DORSAL PROSTATE	EPIDIDYMIS
LEVATOR ANI PLUS BULBOCAVERNOSUS MUSCLE	LIVER	PITUITARY GLAND	SEMINAL VESICLE
SPLEEN	TESTIS	THYMUS	THYROID GLAND

---

**OBSERVATIONS**

ADRENAL GLAND	CORTEX	VACUOLATION	DIFFUSE, MINIMAL
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
VENTRAL PROSTATE		INFILTRATION CELLULAR	LYMPHOCYTE, MINIMAL

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 2069	<b>TRT#:</b> F1-4	<b>DOSE:</b> 10000 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND92
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c NonParent Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 11174

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**TISSUE STATUS**

**No Visible Lesions**

ADRENAL GLAND	COAGULATING GLAND	COWPERS GLAND	DORSAL PROSTATE
EPIDIDYMIS	LEVATOR ANI PLUS BULBOCAVERNOSUS MUSCLE	LIVER	PITUITARY GLAND
SEMINAL VESICLE	SPLEEN	TESTIS	THYMUS
THYROID GLAND			

---

**OBSERVATIONS**

KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
VENTRAL PROSTATE	BILATERAL	INFLAMMATION, CHRONIC	MINIMAL

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

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<b>ANIMAL ID:</b> 2071	<b>TRT#:</b> F1-4	<b>DOSE:</b> 10000 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND92
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c NonParent Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 11177

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**TISSUE STATUS**

**No Visible Lesions**

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ADRENAL GLAND	COAGULATING GLAND	COWPERS GLAND	DORSAL PROSTATE
EPIDIDYMIS	LEVATOR ANI PLUS BULBOCAVERNOSUS MUSCLE	PITUITARY GLAND	SEMINAL VESICLE
SPLEEN	TESTIS	THYMUS	THYROID GLAND

---

**OBSERVATIONS**

---

KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
		NEPHROBLASTEMATOSIS	MINIMAL
LIVER		INFLAMMATION	FOCAL, MINIMAL
VENTRAL PROSTATE	BILATERAL	INFLAMMATION, CHRONIC	MINIMAL

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

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<b>ANIMAL ID:</b> 2073	<b>TRT#:</b> F1-4	<b>DOSE:</b> 10000 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND92
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c NonParent Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 11179

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**TISSUE STATUS**

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**No Visible Lesions**

ADRENAL GLAND	COAGULATING GLAND	COWPERS GLAND	DORSAL PROSTATE
LEVATOR ANI PLUS BULBOCAVERNOSUS MUSCLE	PITUITARY GLAND	SEMINAL VESICLE	SPLEEN
THYMUS	THYROID GLAND		

---

**OBSERVATIONS**

EPIDIDYMIS	DUCT	EXFOLIATED GERM CELL	MINIMAL
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER		INFLAMMATION	FOCAL, MINIMAL
PREPUTIAL GLAND	DUCT	DILATION	MILD
[ DILATION TGLS = 1-12 ]			
TESTIS	GERMINAL EPITHELIUM	DEGENERATION	MINIMAL
[ DYSGENESIS TGLS = 2-11 ]	SEMINIFEROUS TUBULE	DYSGENESIS	MILD
VENTRAL PROSTATE	BILATERAL	INFLAMMATION, CHRONIC	MODERATE

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 2075	<b>TRT#:</b> F1-4	<b>DOSE:</b> 10000 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND24
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c NonParent Males		<b>DISP:</b> Euthanized Moribund	<b>HISTO:</b> 11384

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**TISSUE STATUS**

**No Visible Lesions**

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ADRENAL GLAND	COAGULATING GLAND	KIDNEY	LIVER
PITUITARY GLAND	SEMINAL VESICLE	THYROID GLAND	

---

**MISSING**

DORSAL PROSTATE

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**OBSERVATIONS**

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EPIDIDYMIS		IMMATURE	
SPLEEN	FOLLICLE	ATROPHY	LYMPHOID, MODERATE
TESTIS		IMMATURE	
THYMUS		NECROSIS	LYMPHOCYTIC, MARKED
VENTRAL PROSTATE		IMMATURE	

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 1001	<b>TRT#:</b> F1-1	<b>DOSE:</b> 0 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND222
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c Parental Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 10621

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**TISSUE STATUS**

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**No Visible Lesions**

ADRENAL GLAND	COAGULATING GLAND	COWPERS GLAND	DORSAL PROSTATE
EPIDIDYMIS	LEVATOR ANI PLUS BULBOCAVERNOSUS MUSCLE	SEMINAL VESICLE	TESTIS
THYMUS	THYROID GLAND	VENTRAL PROSTATE	

---

**NOT COLLECTED**

SPLEEN

---

**OBSERVATIONS**

KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MILD
LIVER		INFLAMMATION	FOCAL, MINIMAL
PITUITARY GLAND	PARS INTERMEDIA	CYST	

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

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<b>ANIMAL ID:</b> 1003	<b>TRT#:</b> F1-1	<b>DOSE:</b> 0 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND222
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c Parental Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 10622

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**TISSUE STATUS**

**No Visible Lesions**

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ADRENAL GLAND	COAGULATING GLAND	COWPERS GLAND	DORSAL PROSTATE
EPIDIDYMIS	LEVATOR ANI PLUS BULBOCAVERNOSUS MUSCLE	LIVER	SEMINAL VESICLE
TESTIS	THYMUS	THYROID GLAND	

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**NOT COLLECTED**

SPLEEN

---

**OBSERVATIONS**

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KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MILD
PITUITARY GLAND	PARS DISTALIS	CYST	
VENTRAL PROSTATE		INFILTRATION CELLULAR	LYMPHOCYTE, MINIMAL

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

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<b>ANIMAL ID:</b> 1009	<b>TRT#:</b> F1-1	<b>DOSE:</b> 0 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND222
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c Parental Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 10631

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**TISSUE STATUS**

**No Visible Lesions**

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ADRENAL GLAND	COAGULATING GLAND	COWPERS GLAND	DORSAL PROSTATE
LEVATOR ANI PLUS BULBOCAVERNOSUS MUSCLE	LIVER	PITUITARY GLAND	SEMINAL VESICLE
THYROID GLAND	VENTRAL PROSTATE		

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**NOT COLLECTED**

SPLEEN

---

**OBSERVATIONS**

---

EPIDIDYMIS	DUCT	EXFOLIATED GERM CELL	MINIMAL
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MILD
TESTIS	GERMINAL EPITHELIUM	DEGENERATION	MINIMAL
THYMUS		HYPERPLASIA	EPITHELIAL, MINIMAL

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 1011	<b>TRT#:</b> F1-1	<b>DOSE:</b> 0 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND222
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c Parental Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 10632

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**TISSUE STATUS**

**No Visible Lesions**

ADRENAL GLAND	COAGULATING GLAND	COWPERS GLAND	DORSAL PROSTATE
EPIDIDYMIS	LEVATOR ANI PLUS BULBOCAVERNOSUS MUSCLE	LIVER	PITUITARY GLAND
SEMINAL VESICLE	TESTIS	THYMUS	THYROID GLAND
VENTRAL PROSTATE			

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**NOT COLLECTED**

SPLEEN

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**OBSERVATIONS**

KIDNEY	CHRONIC PROGRESSIVE NEPHROPATHY	MILD
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**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

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<b>ANIMAL ID:</b> 1017	<b>TRT#:</b> F1-1	<b>DOSE:</b> 0 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND222
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c Parental Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 10641

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**TISSUE STATUS**

**No Visible Lesions**

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ADRENAL GLAND	COAGULATING GLAND	COWPERS GLAND	DORSAL PROSTATE
LEVATOR ANI PLUS BULBOCAVERNOSUS MUSCLE	LIVER	PITUITARY GLAND	SEMINAL VESICLE
THYROID GLAND	VENTRAL PROSTATE		

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**NOT COLLECTED**

SPLEEN

---

**OBSERVATIONS**

---

EPIDIDYMIS	DUCT	EXFOLIATED GERM CELL	MINIMAL
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
	PELVIS	DILATION	MINIMAL
	PELVIS	MINERAL	MINIMAL
TESTIS	GERMINAL EPITHELIUM	DEGENERATION	MINIMAL
THYMUS		HYPERPLASIA	EPITHELIAL, MINIMAL

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 1019	<b>TRT#:</b> F1-1	<b>DOSE:</b> 0 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND222
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c Parental Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 10642

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**TISSUE STATUS**

**No Visible Lesions**

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ADRENAL GLAND	COAGULATING GLAND	COWPERS GLAND	DORSAL PROSTATE
EPIDIDYMIS	LEVATOR ANI PLUS BULBOCAVERNOSUS MUSCLE	PITUITARY GLAND	SEMINAL VESICLE
TESTIS	THYMUS	THYROID GLAND	VENTRAL PROSTATE

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**NOT COLLECTED**

SPLEEN

---

**OBSERVATIONS**

---

KIDNEY	CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER	INFLAMMATION	FOCAL, MINIMAL

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**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

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<b>ANIMAL ID:</b> 1023	<b>TRT#:</b> F1-1	<b>DOSE:</b> 0 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND222
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c Parental Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 10462

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**TISSUE STATUS**

**No Visible Lesions**

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ADRENAL GLAND	COAGULATING GLAND	COWPERS GLAND	DORSAL PROSTATE
EPIDIDYMIS	LEVATOR ANI PLUS BULBOCAVERNOSUS MUSCLE	PITUITARY GLAND	SEMINAL VESICLE
TESTIS	THYMUS	THYROID GLAND	

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**NOT COLLECTED**

SPLEEN

---

**OBSERVATIONS**

---

KIDNEY	CHRONIC PROGRESSIVE NEPHROPATHY	MILD
LIVER	INFLAMMATION	FOCAL, MINIMAL
VENTRAL PROSTATE	INFILTRATION CELLULAR	LYMPHOCYTE, MINIMAL

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 1025	<b>TRT#:</b> F1-1	<b>DOSE:</b> 0 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND222
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c Parental Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 10464

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**TISSUE STATUS**

**No Visible Lesions**

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COAGULATING GLAND	COWPERS GLAND	DORSAL PROSTATE	EPIDIDYMIS
LEVATOR ANI PLUS BULBOCAVERNOSUS MUSCLE	LIVER	PITUITARY GLAND	SEMINAL VESICLE
TESTIS	THYMUS	THYROID GLAND	VENTRAL PROSTATE

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**NOT COLLECTED**

SPLEEN

---

**OBSERVATIONS**

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ADRENAL GLAND	CORTEX	VACUOLATION	FOCAL, MINIMAL
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MODERATE

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

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<b>ANIMAL ID:</b> 1035	<b>TRT#:</b> F1-1	<b>DOSE:</b> 0 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND222
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c Parental Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 10551

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**TISSUE STATUS**

**No Visible Lesions**

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COAGULATING GLAND	COWPERS GLAND	DORSAL PROSTATE	EPIDIDYMIS
LEVATOR ANI PLUS BULBOCAVERNOSUS MUSCLE	LIVER	PITUITARY GLAND	SEMINAL VESICLE
TESTIS	THYMUS	THYROID GLAND	VENTRAL PROSTATE

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**NOT COLLECTED**

SPLEEN

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**OBSERVATIONS**

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ADRENAL GLAND	CORTEX	HYPERTROPHY	FOCAL, MILD
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

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<b>ANIMAL ID:</b> 1037	<b>TRT#:</b> F1-1	<b>DOSE:</b> 0 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND222
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c Parental Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 10552

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**TISSUE STATUS**

**No Visible Lesions**

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ADRENAL GLAND	COAGULATING GLAND	COWPERS GLAND	DORSAL PROSTATE
EPIDIDYMIS	LEVATOR ANI PLUS BULBOCAVERNOSUS MUSCLE	LIVER	PITUITARY GLAND
SEMINAL VESICLE	TESTIS	THYMUS	THYROID GLAND

---

**NOT COLLECTED**

SPLEEN

**OBSERVATIONS**

---

KIDNEY	CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
PREPUTIAL GLAND	INFLAMMATION, CHRONIC	MINIMAL
VENTRAL PROSTATE	INFLAMMATION, CHRONIC	MINIMAL

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**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 1049	<b>TRT#:</b> F1-1	<b>DOSE:</b> 0 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND222
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c Parental Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 10711

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**TISSUE STATUS**

**No Visible Lesions**

ADRENAL GLAND	COAGULATING GLAND	COWPERS GLAND	DORSAL PROSTATE
EPIDIDYMIS	LEVATOR ANI PLUS BULBOCAVERNOSUS MUSCLE	LIVER	PITUITARY GLAND
SEMINAL VESICLE	TESTIS	THYMUS	THYROID GLAND
VENTRAL PROSTATE			

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**NOT COLLECTED**

SPLEEN

---

**OBSERVATIONS**

KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
PREPUTIAL GLAND	BILATERAL	INFLAMMATION, CHRONIC	MILD

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

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<b>ANIMAL ID:</b> 1051	<b>TRT#:</b> F1-1	<b>DOSE:</b> 0 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND222
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c Parental Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 10712

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**TISSUE STATUS**

**No Visible Lesions**

---

ADRENAL GLAND	COAGULATING GLAND	COWPERS GLAND	DORSAL PROSTATE
EPIDIDYMIS	LEVATOR ANI PLUS BULBOCAVERNOSUS MUSCLE	SEMINAL VESICLE	TESTIS
THYROID GLAND	VENTRAL PROSTATE		

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**NOT COLLECTED**

SPLEEN

---

**OBSERVATIONS**

---

KIDNEY	PELVIS	CALCULUS	MINIMAL
		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER		INFLAMMATION	FOCAL, MINIMAL
PITUITARY GLAND	PARS DISTALIS	CYST	
THYMUS		HYPERPLASIA	EPITHELIAL, MINIMAL

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

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<b>ANIMAL ID:</b> 1053	<b>TRT#:</b> F1-1	<b>DOSE:</b> 0 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND222
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c Parental Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 10671

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**TISSUE STATUS**

**No Visible Lesions**

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COAGULATING GLAND	COWPERS GLAND	DORSAL PROSTATE	EPIDIDYMIS
LEVATOR ANI PLUS BULBOCAVERNOSUS MUSCLE	LIVER	SEMINAL VESICLE	TESTIS
THYMUS	THYROID GLAND		

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**NOT COLLECTED**

SPLEEN

---

**OBSERVATIONS**

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ADRENAL GLAND	CORTEX	VACUOLATION	DIFFUSE, MINIMAL
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
	PELVIS	DILATION	MINIMAL
PITUITARY GLAND	PARS DISTALIS	CYST	
VENTRAL PROSTATE		INFILTRATION CELLULAR	LYMPHOCYTE, MINIMAL

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**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

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<b>ANIMAL ID:</b> 1055	<b>TRT#:</b> F1-1	<b>DOSE:</b> 0 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND222
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c Parental Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 10672

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**TISSUE STATUS**

**No Visible Lesions**

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ADRENAL GLAND	COAGULATING GLAND	COWPERS GLAND	DORSAL PROSTATE
EPIDIDYMIS	LEVATOR ANI PLUS BULBOCAVERNOSUS MUSCLE	PITUITARY GLAND	SEMINAL VESICLE
TESTIS	THYMUS	THYROID GLAND	VENTRAL PROSTATE

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**NOT COLLECTED**

SPLEEN

---

**OBSERVATIONS**

---

KIDNEY	PELVIS	CALCULUS	MINIMAL
		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER		INFLAMMATION	FOCAL, MINIMAL

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**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 1057	<b>TRT#:</b> F1-1	<b>DOSE:</b> 0 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND222
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c Parental Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 10837

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**TISSUE STATUS**

**No Visible Lesions**

ADRENAL GLAND	COAGULATING GLAND	COWPERS GLAND	DORSAL PROSTATE
EPIDIDYMIS	LEVATOR ANI PLUS BULBOCAVERNOSUS MUSCLE	LIVER	PITUITARY GLAND
SEMINAL VESICLE	TESTIS	THYMUS	THYROID GLAND
VENTRAL PROSTATE			

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**NOT COLLECTED**

SPLEEN

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**OBSERVATIONS**

KIDNEY	CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
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**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

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<b>ANIMAL ID:</b> 1059	<b>TRT#:</b> F1-1	<b>DOSE:</b> 0 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND222
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c Parental Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 10838

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**TISSUE STATUS**

**No Visible Lesions**

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ADRENAL GLAND	COAGULATING GLAND	COWPERS GLAND	DORSAL PROSTATE
EPIDIDYMIS	LEVATOR ANI PLUS BULBOCAVERNOSUS MUSCLE	LIVER	PITUITARY GLAND
SEMINAL VESICLE	TESTIS	THYMUS	THYROID GLAND
VENTRAL PROSTATE			

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**NOT COLLECTED**

SPLEEN

**OBSERVATIONS**

---

KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MILD
	MEDULLA	CYST	

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**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

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<b>ANIMAL ID:</b> 1067	<b>TRT#:</b> F1-1	<b>DOSE:</b> 0 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND222
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c Parental Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 10715

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**TISSUE STATUS**

**No Visible Lesions**

ADRENAL GLAND	COAGULATING GLAND	COWPERS GLAND	DORSAL PROSTATE
EPIDIDYMIS	LEVATOR ANI PLUS BULBOCAVERNOSUS MUSCLE	LIVER	PITUITARY GLAND
SEMINAL VESICLE	TESTIS	THYMUS	THYROID GLAND
VENTRAL PROSTATE			

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**NOT COLLECTED**

SPLEEN

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**OBSERVATIONS**

KIDNEY	CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
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**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

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<b>ANIMAL ID:</b> 1069	<b>TRT#:</b> F1-1	<b>DOSE:</b> 0 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND222
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c Parental Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 10716

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**TISSUE STATUS**

**No Visible Lesions**

ADRENAL GLAND	COAGULATING GLAND	COWPERS GLAND	DORSAL PROSTATE
EPIDIDYMIS	LEVATOR ANI PLUS BULBOCAVERNOSUS MUSCLE	LIVER	PITUITARY GLAND
SEMINAL VESICLE	TESTIS	THYMUS	THYROID GLAND
VENTRAL PROSTATE			

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**NOT COLLECTED**

SPLEEN

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**OBSERVATIONS**

KIDNEY	CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
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**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

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<b>ANIMAL ID:</b> 1075	<b>TRT#:</b> F1-1	<b>DOSE:</b> 0 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND222
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c Parental Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 10676

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**TISSUE STATUS**

**No Visible Lesions**

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ADRENAL GLAND	COAGULATING GLAND	COWPERS GLAND	DORSAL PROSTATE
EPIDIDYMIS	LEVATOR ANI PLUS BULBOCAVERNOSUS MUSCLE	LIVER	PITUITARY GLAND
SEMINAL VESICLE	TESTIS	THYMUS	THYROID GLAND

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**NOT COLLECTED**

SPLEEN

---

**OBSERVATIONS**

---

KIDNEY	CHRONIC PROGRESSIVE NEPHROPATHY	MILD
VENTRAL PROSTATE	INFILTRATION CELLULAR	LYMPHOCYTE, MINIMAL

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**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

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<b>ANIMAL ID:</b> 1077	<b>TRT#:</b> F1-1	<b>DOSE:</b> 0 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND222
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c Parental Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 10677

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**TISSUE STATUS**

**No Visible Lesions**

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COAGULATING GLAND	COWPERS GLAND	DORSAL PROSTATE	EPIDIDYMIS
LEVATOR ANI PLUS BULBOCAVERNOSUS MUSCLE	LIVER	PITUITARY GLAND	SEMINAL VESICLE
TESTIS	THYMUS	THYROID GLAND	VENTRAL PROSTATE

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**NOT COLLECTED**

SPLEEN

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**OBSERVATIONS**

---

ADRENAL GLAND	CORTEX	VACUOLATION	FOCAL, MINIMAL
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MODERATE

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**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

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<b>ANIMAL ID:</b> 1087	<b>TRT#:</b> F1-1	<b>DOSE:</b> 0 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND222
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c Parental Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 10861

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**TISSUE STATUS**

**No Visible Lesions**

ADRENAL GLAND	COAGULATING GLAND	COWPERS GLAND	DORSAL PROSTATE
EPIDIDYMIS	LEVATOR ANI PLUS BULBOCAVERNOSUS MUSCLE	LIVER	PITUITARY GLAND
SEMINAL VESICLE	TESTIS	THYMUS	THYROID GLAND
VENTRAL PROSTATE			

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**NOT COLLECTED**

SPLEEN

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**OBSERVATIONS**

KIDNEY	CHRONIC PROGRESSIVE NEPHROPATHY	MILD
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**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 1103	<b>TRT#:</b> F1-1	<b>DOSE:</b> 0 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND222
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c Parental Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 10981

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**TISSUE STATUS**

**No Visible Lesions**

ADRENAL GLAND	COAGULATING GLAND	COWPERS GLAND	DORSAL PROSTATE
EPIDIDYMIS	LEVATOR ANI PLUS BULBOCAVERNOSUS MUSCLE	LIVER	PITUITARY GLAND
SEMINAL VESICLE	TESTIS	THYMUS	THYROID GLAND
VENTRAL PROSTATE			

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**NOT COLLECTED**

SPLEEN

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**OBSERVATIONS**

KIDNEY	CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
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**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

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<b>ANIMAL ID:</b> 1105	<b>TRT#:</b> F1-1	<b>DOSE:</b> 0 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND222
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c Parental Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 10982

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**TISSUE STATUS**

**No Visible Lesions**

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COAGULATING GLAND	COWPERS GLAND	DORSAL PROSTATE	EPIDIDYMIS
LEVATOR ANI PLUS BULBOCAVERNOSUS MUSCLE	LIVER	PITUITARY GLAND	SEMINAL VESICLE
TESTIS	THYROID GLAND	VENTRAL PROSTATE	

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**NOT COLLECTED**

SPLEEN

---

**OBSERVATIONS**

---

ADRENAL GLAND	CORTEX	VACUOLATION	FOCAL, MINIMAL
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
THYMUS		ATROPHY	MINIMAL

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

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<b>ANIMAL ID:</b> 1115	<b>TRT#:</b> F1-1	<b>DOSE:</b> 0 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND222
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c Parental Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 10942

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**TISSUE STATUS**

**No Visible Lesions**

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ADRENAL GLAND	COAGULATING GLAND	COWPERS GLAND	DORSAL PROSTATE
EPIDIDYMIS	LEVATOR ANI PLUS BULBOCAVERNOSUS MUSCLE	LIVER	PITUITARY GLAND
SEMINAL VESICLE	TESTIS	THYMUS	VENTRAL PROSTATE

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**NOT COLLECTED**

SPLEEN

**OBSERVATIONS**

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KIDNEY	CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
THYROID GLAND	INFILTRATION	MONONUCLEAR CELL, MINIMAL

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**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

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<b>ANIMAL ID:</b> 1117	<b>TRT#:</b> F1-1	<b>DOSE:</b> 0 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND222
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c Parental Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 10943

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**TISSUE STATUS**

**No Visible Lesions**

ADRENAL GLAND	COAGULATING GLAND	COWPERS GLAND	DORSAL PROSTATE
EPIDIDYMIS	LEVATOR ANI PLUS BULBOCAVERNOSUS MUSCLE	LIVER	PITUITARY GLAND
SEMINAL VESICLE	TESTIS	THYMUS	THYROID GLAND
VENTRAL PROSTATE			

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**NOT COLLECTED**

SPLEEN

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**OBSERVATIONS**

KIDNEY	CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
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**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

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<b>ANIMAL ID:</b> 1127	<b>TRT#:</b> F1-1	<b>DOSE:</b> 0 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND220
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c Parental Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 11201

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**TISSUE STATUS**

**No Visible Lesions**

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ADRENAL GLAND	COAGULATING GLAND	COWPERS GLAND	DORSAL PROSTATE
EPIDIDYMIS	LEVATOR ANI PLUS BULBOCAVERNOSUS MUSCLE	LIVER	PITUITARY GLAND
SEMINAL VESICLE	TESTIS	THYROID GLAND	

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**NOT COLLECTED**

SPLEEN

**OBSERVATIONS**

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KIDNEY	PELVIS	CALCULUS	MINIMAL
		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
THYMUS		HYPERPLASIA	EPITHELIAL, MINIMAL
VENTRAL PROSTATE		INFILTRATION CELLULAR	LYMPHOCYTE, MINIMAL

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**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

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<b>ANIMAL ID:</b> 1129	<b>TRT#:</b> F1-1	<b>DOSE:</b> 0 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND220
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c Parental Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 11202

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**TISSUE STATUS**

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**No Visible Lesions**

ADRENAL GLAND	COAGULATING GLAND	COWPERS GLAND	DORSAL PROSTATE
EPIDIDYMIS	LEVATOR ANI PLUS BULBOCAVERNOSUS MUSCLE	LIVER	LYMPH NODE, MANDIBULAR
PITUITARY GLAND	SEMINAL VESICLE	TESTIS	THYROID GLAND
VENTRAL PROSTATE			

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**NOT COLLECTED**

SPLEEN

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**OBSERVATIONS**

KIDNEY	PELVIS	CALCULUS	MILD
	PAPILLA	MINERAL	MINIMAL
THYMUS		HYPERPLASIA	EPITHELIAL, MINIMAL

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**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

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<b>ANIMAL ID:</b> 1131	<b>TRT#:</b> F1-1	<b>DOSE:</b> 0 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND220
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c Parental Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 11207

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**TISSUE STATUS**

**No Visible Lesions**

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ADRENAL GLAND	COAGULATING GLAND	COWPERS GLAND	DORSAL PROSTATE
EPIDIDYMIS	LEVATOR ANI PLUS BULBOCAVERNOSUS MUSCLE	LIVER	PITUITARY GLAND
SEMINAL VESICLE	TESTIS	THYROID GLAND	VENTRAL PROSTATE

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**NOT COLLECTED**

SPLEEN

**OBSERVATIONS**

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KIDNEY	CHRONIC PROGRESSIVE NEPHROPATHY	MILD
THYMUS	HYPERPLASIA	EPITHELIAL, MINIMAL

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

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<b>ANIMAL ID:</b> 1133	<b>TRT#:</b> F1-1	<b>DOSE:</b> 0 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND220
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c Parental Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 11208

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**TISSUE STATUS**

**No Visible Lesions**

COAGULATING GLAND	COWPERS GLAND	DORSAL PROSTATE	EPIDIDYMIS
LEVATOR ANI PLUS BULBOCAVERNOSUS MUSCLE	LIVER	LYMPH NODE, MANDIBULAR	PITUITARY GLAND
SEMINAL VESICLE	TESTIS	THYMUS	THYROID GLAND
VENTRAL PROSTATE			

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**NOT COLLECTED**

SPLEEN

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**OBSERVATIONS**

ADRENAL GLAND	CORTEX	VACUOLATION	DIFFUSE, MINIMAL
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL

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**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

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<b>ANIMAL ID:</b> 1143	<b>TRT#:</b> F1-1	<b>DOSE:</b> 0 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND220
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c Parental Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 11253

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**TISSUE STATUS**

**No Visible Lesions**

ADRENAL GLAND	COAGULATING GLAND	COWPERS GLAND	DORSAL PROSTATE
EPIDIDYMIS	LEVATOR ANI PLUS BULBOCAVERNOSUS MUSCLE	LIVER	PITUITARY GLAND
SEMINAL VESICLE	TESTIS	THYMUS	THYROID GLAND
VENTRAL PROSTATE			

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**NOT COLLECTED**

SPLEEN

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**OBSERVATIONS**

KIDNEY	CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
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**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

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<b>ANIMAL ID:</b> 1145	<b>TRT#:</b> F1-1	<b>DOSE:</b> 0 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND221
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c Parental Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 11254

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**TISSUE STATUS**

**No Visible Lesions**

ADRENAL GLAND	COAGULATING GLAND	COWPERS GLAND	DORSAL PROSTATE
EPIDIDYMIS	LEVATOR ANI PLUS BULBOCAVERNOSUS MUSCLE	LIVER	PITUITARY GLAND
SEMINAL VESICLE	TESTIS	THYMUS	THYROID GLAND
VENTRAL PROSTATE			

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**NOT COLLECTED**

SPLEEN

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**OBSERVATIONS**

KIDNEY	CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
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**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

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<b>ANIMAL ID:</b> 1157	<b>TRT#:</b> F1-1	<b>DOSE:</b> 0 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND221
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c Parental Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 11242

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**TISSUE STATUS**

**No Visible Lesions**

COAGULATING GLAND	COWPERS GLAND	DORSAL PROSTATE	EPIDIDYMIS
LEVATOR ANI PLUS BULBOCAVERNOSUS MUSCLE	LIVER	PITUITARY GLAND	SEMINAL VESICLE
TESTIS	THYMUS	THYROID GLAND	VENTRAL PROSTATE

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**NOT COLLECTED**

SPLEEN

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**OBSERVATIONS**

ADRENAL GLAND	CORTEX	HYPERTROPHY	FOCAL, MINIMAL
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

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<b>ANIMAL ID:</b> 1159	<b>TRT#:</b> F1-1	<b>DOSE:</b> 0 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND221
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c Parental Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 11243

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**TISSUE STATUS**

**No Visible Lesions**

ADRENAL GLAND	COAGULATING GLAND	COWPERS GLAND	DORSAL PROSTATE
EPIDIDYMIS	LEVATOR ANI PLUS BULBOCAVERNOSUS MUSCLE	LIVER	PITUITARY GLAND
SEMINAL VESICLE	TESTIS	THYMUS	THYROID GLAND
VENTRAL PROSTATE			

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**NOT COLLECTED**

SPLEEN

---

**OBSERVATIONS**

KIDNEY	PELVIS	CALCULUS	MINIMAL
		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

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<b>ANIMAL ID:</b> 1165	<b>TRT#:</b> F1-1	<b>DOSE:</b> 0 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND221
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c Parental Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 11228

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**TISSUE STATUS**

**No Visible Lesions**

ADRENAL GLAND	COAGULATING GLAND	COWPERS GLAND	DORSAL PROSTATE
EPIDIDYMIS	LEVATOR ANI PLUS BULBOCAVERNOSUS MUSCLE	LIVER	PITUITARY GLAND
SEMINAL VESICLE	TESTIS	THYMUS	THYROID GLAND
VENTRAL PROSTATE			

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**NOT COLLECTED**

SPLEEN

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**OBSERVATIONS**

KIDNEY	CHRONIC PROGRESSIVE NEPHROPATHY	MILD
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**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

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<b>ANIMAL ID:</b> 1167	<b>TRT#:</b> F1-1	<b>DOSE:</b> 0 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND221
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c Parental Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 11229

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**TISSUE STATUS**

**No Visible Lesions**

ADRENAL GLAND	COAGULATING GLAND	COWPERS GLAND	DORSAL PROSTATE
EPIDIDYMIS	LEVATOR ANI PLUS BULBOCAVERNOSUS MUSCLE	LIVER	PITUITARY GLAND
SEMINAL VESICLE	TESTIS	THYMUS	THYROID GLAND
VENTRAL PROSTATE			

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**NOT COLLECTED**

SPLEEN

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**OBSERVATIONS**

KIDNEY	CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
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**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

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<b>ANIMAL ID:</b> 1177	<b>TRT#:</b> F1-1	<b>DOSE:</b> 0 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND221
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c Parental Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 11216

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**TISSUE STATUS**

**No Visible Lesions**

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ADRENAL GLAND	COAGULATING GLAND	COWPERS GLAND	DORSAL PROSTATE
EPIDIDYMIS	LEVATOR ANI PLUS BULBOCAVERNOSUS MUSCLE	LIVER	SEMINAL VESICLE
TESTIS	THYMUS	THYROID GLAND	VENTRAL PROSTATE

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**NOT COLLECTED**

SPLEEN

---

**OBSERVATIONS**

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KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
PITUITARY GLAND	PARS DISTALIS	CYST	

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**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

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<b>ANIMAL ID:</b> 1179	<b>TRT#:</b> F1-1	<b>DOSE:</b> 0 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND221
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c Parental Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 11217

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**TISSUE STATUS**

**No Visible Lesions**

ADRENAL GLAND	COAGULATING GLAND	COWPERS GLAND	DORSAL PROSTATE
EPIDIDYMIS	LEVATOR ANI PLUS BULBOCAVERNOSUS MUSCLE	LIVER	PITUITARY GLAND
SEMINAL VESICLE	TESTIS	THYMUS	THYROID GLAND
VENTRAL PROSTATE			

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**NOT COLLECTED**

SPLEEN

---

**OBSERVATIONS**

KIDNEY	CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
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**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 1189	<b>TRT#:</b> F1-1	<b>DOSE:</b> 0 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND220
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c Parental Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 11331

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**TISSUE STATUS**

**No Visible Lesions**

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ADRENAL GLAND	COAGULATING GLAND	COWPERS GLAND	DORSAL PROSTATE
EPIDIDYMIS	LEVATOR ANI PLUS BULBOCAVERNOSUS MUSCLE	LIVER	PITUITARY GLAND
SEMINAL VESICLE	TESTIS	THYROID GLAND	VENTRAL PROSTATE

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**NOT COLLECTED**

SPLEEN

---

**OBSERVATIONS**

KIDNEY	CHRONIC PROGRESSIVE NEPHROPATHY	MILD
THYMUS	HYPERPLASIA	EPITHELIAL, MINIMAL

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**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

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<b>ANIMAL ID:</b> 1191	<b>TRT#:</b> F1-1	<b>DOSE:</b> 0 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND220
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c Parental Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 11332

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**TISSUE STATUS**

**No Visible Lesions**

ADRENAL GLAND	COAGULATING GLAND	COWPERS GLAND	DORSAL PROSTATE
EPIDIDYMIS	LEVATOR ANI PLUS BULBOCAVERNOSUS MUSCLE	LIVER	PITUITARY GLAND
SEMINAL VESICLE	TESTIS	THYMUS	THYROID GLAND
VENTRAL PROSTATE			

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**NOT COLLECTED**

SPLEEN

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**OBSERVATIONS**

KIDNEY	CHRONIC PROGRESSIVE NEPHROPATHY	MILD
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**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 1201	<b>TRT#:</b> F1-1	<b>DOSE:</b> 0 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND213
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c Parental Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 11471

---

**TISSUE STATUS**

**No Visible Lesions**

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ADRENAL GLAND	COAGULATING GLAND	COWPERS GLAND	DORSAL PROSTATE
EPIDIDYMIS	LEVATOR ANI PLUS BULBOCAVERNOSUS MUSCLE	LIVER	PITUITARY GLAND
SEMINAL VESICLE	TESTIS	THYMUS	THYROID GLAND
VENTRAL PROSTATE			

---

**NOT COLLECTED**

SPLEEN

**OBSERVATIONS**

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KIDNEY	PELVIS	CALCULUS	MILD
		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 1301	<b>TRT#:</b> F1-2	<b>DOSE:</b> 1000 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND222
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c Parental Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 10562

---

**TISSUE STATUS**

---

**No Visible Lesions**

COWPERS GLAND

PITUITARY GLAND

VENTRAL PROSTATE

---

**OBSERVATIONS**

EPIDIDYMIS

DUCT

EXFOLIATED GERM CELL

MINIMAL

TESTIS

GERMINAL EPITHELIUM

DEGENERATION

MINIMAL

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 1303	<b>TRT#:</b> F1-2	<b>DOSE:</b> 1000 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND222
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c Parental Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 10564

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**TISSUE STATUS**

---

**No Visible Lesions**

COWPERS GLAND  
VENTRAL PROSTATE

EPIDIDYMIS

PITUITARY GLAND

TESTIS

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 1305	<b>TRT#:</b> F1-2	<b>DOSE:</b> 1000 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND222
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c Parental Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 10569

---

**TISSUE STATUS**

---

**No Visible Lesions**

COWPERS GLAND  
VENTRAL PROSTATE

EPIDIDYMIS

PITUITARY GLAND

TESTIS

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 1307	<b>TRT#:</b> F1-2	<b>DOSE:</b> 1000 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND222
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c Parental Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 10570

---

**TISSUE STATUS**

**No Visible Lesions**

COWPERS GLAND

EPIDIDYMIS

PITUITARY GLAND

TESTIS

**OBSERVATIONS**

VENTRAL PROSTATE

INFLAMMATION, CHRONIC

MINIMAL

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 1313	<b>TRT#:</b> F1-2	<b>DOSE:</b> 1000 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND222
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c Parental Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 10581

---

**TISSUE STATUS**

---

**No Visible Lesions**

COWPERS GLAND  
VENTRAL PROSTATE

EPIDIDYMIS

PITUITARY GLAND

TESTIS

---

**OBSERVATIONS**

KIDNEY

PELVIS

CHRONIC PROGRESSIVE NEPHROPATHY  
DILATION

MINIMAL  
MINIMAL

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[ DILATION TGLS = 1-2 ]

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 1315	<b>TRT#:</b> F1-2	<b>DOSE:</b> 1000 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND222
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c Parental Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 10582

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**TISSUE STATUS**

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**No Visible Lesions**

COWPERS GLAND  
VENTRAL PROSTATE

EPIDIDYMIS

PITUITARY GLAND

TESTIS

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 1319	<b>TRT#:</b> F1-2	<b>DOSE:</b> 1000 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND222
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c Parental Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 10648

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**TISSUE STATUS**

---

**No Visible Lesions**

COWPERS GLAND  
VENTRAL PROSTATE

EPIDIDYMIS

PITUITARY GLAND

TESTIS

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 1321	<b>TRT#:</b> F1-2	<b>DOSE:</b> 1000 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND222
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c Parental Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 10588

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**TISSUE STATUS**

---

**No Visible Lesions**

COWPERS GLAND  
VENTRAL PROSTATE

EPIDIDYMIS

PITUITARY GLAND

TESTIS

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 1323	<b>TRT#:</b> F1-2	<b>DOSE:</b> 1000 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND222
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c Parental Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 10589

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**TISSUE STATUS**

---

**No Visible Lesions**

COWPERS GLAND  
VENTRAL PROSTATE

EPIDIDYMIS

PITUITARY GLAND

TESTIS

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

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<b>ANIMAL ID:</b> 1333	<b>TRT#:</b> F1-2	<b>DOSE:</b> 1000 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND221
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c Parental Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 10723

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**TISSUE STATUS**

---

**No Visible Lesions**

COWPERS GLAND  
VENTRAL PROSTATE

EPIDIDYMIS

PITUITARY GLAND

TESTIS

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 1335	<b>TRT#:</b> F1-2	<b>DOSE:</b> 1000 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND222
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c Parental Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 10724

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**TISSUE STATUS**

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**No Visible Lesions**

COWPERS GLAND	EPIDIDYMIS	TESTIS	VENTRAL PROSTATE
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**OBSERVATIONS**

PITUITARY GLAND	PARS DISTALIS	CYST	
PREPUTIAL GLAND		INFLAMMATION, SUPPURATIVE	MARKED
[ INFLAMMATION, SUPPURATIVE TGLS = 1-11, 2-11 ]			

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 1345	<b>TRT#:</b> F1-2	<b>DOSE:</b> 1000 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND222
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c Parental Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 10730

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**TISSUE STATUS**

---

**No Visible Lesions**

COWPERS GLAND  
VENTRAL PROSTATE

EPIDIDYMIS

PITUITARY GLAND

TESTIS

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 1347	<b>TRT#:</b> F1-2	<b>DOSE:</b> 1000 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND222
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c Parental Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 10732

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**TISSUE STATUS**

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**No Visible Lesions**

COWPERS GLAND  
VENTRAL PROSTATE

EPIDIDYMIS

PITUITARY GLAND

TESTIS

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 1349	<b>TRT#:</b> F1-2	<b>DOSE:</b> 1000 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND222
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c Parental Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 10821

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**TISSUE STATUS**

---

**No Visible Lesions**

COWPERS GLAND  
VENTRAL PROSTATE

EPIDIDYMIS

PITUITARY GLAND

TESTIS

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 1351	<b>TRT#:</b> F1-2	<b>DOSE:</b> 1000 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND222
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c Parental Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 10822

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**TISSUE STATUS**

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**No Visible Lesions**

COWPERS GLAND	EPIDIDYMIS	PITUITARY GLAND	TESTIS
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**OBSERVATIONS**

VENTRAL PROSTATE	INFLAMMATION, CHRONIC	MINIMAL
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---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 1353	<b>TRT#:</b> F1-2	<b>DOSE:</b> 1000 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND222
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c Parental Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 10823

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**TISSUE STATUS**

---

**No Visible Lesions**

COWPERS GLAND  
VENTRAL PROSTATE

EPIDIDYMIS

PITUITARY GLAND

TESTIS

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 1361	<b>TRT#:</b> F1-2	<b>DOSE:</b> 1000 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND222
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c Parental Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 10740

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**TISSUE STATUS**

---

**No Visible Lesions**

COWPERS GLAND  
VENTRAL PROSTATE

EPIDIDYMIS

PITUITARY GLAND

TESTIS

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 1363	<b>TRT#:</b> F1-2	<b>DOSE:</b> 1000 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND222
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c Parental Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 10741

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**TISSUE STATUS**

---

**No Visible Lesions**

COWPERS GLAND  
VENTRAL PROSTATE

EPIDIDYMIS

PITUITARY GLAND

TESTIS

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 1365	<b>TRT#:</b> F1-2	<b>DOSE:</b> 1000 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND222
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c Parental Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 10742

---

**TISSUE STATUS**

---

**No Visible Lesions**

COWPERS GLAND  
VENTRAL PROSTATE

EPIDIDYMIS

PITUITARY GLAND

TESTIS

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 1373	<b>TRT#:</b> F1-2	<b>DOSE:</b> 1000 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND222
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c Parental Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 10754

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**TISSUE STATUS**

---

**No Visible Lesions**

COWPERS GLAND  
VENTRAL PROSTATE

EPIDIDYMIS

PITUITARY GLAND

TESTIS

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 1375	<b>TRT#:</b> F1-2	<b>DOSE:</b> 1000 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND223
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c Parental Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 10755

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**TISSUE STATUS**

---

**No Visible Lesions**

COWPERS GLAND  
VENTRAL PROSTATE

EPIDIDYMIS

PITUITARY GLAND

TESTIS

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 1387	<b>TRT#:</b> F1-2	<b>DOSE:</b> 1000 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND221
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c Parental Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 11091

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**TISSUE STATUS**

---

**No Visible Lesions**

COWPERS GLAND  
VENTRAL PROSTATE

EPIDIDYMIS

PITUITARY GLAND

TESTIS

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 1389	<b>TRT#:</b> F1-2	<b>DOSE:</b> 1000 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND221
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c Parental Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 11092

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**TISSUE STATUS**

---

**No Visible Lesions**

COWPERS GLAND  
VENTRAL PROSTATE

EPIDIDYMIS

PITUITARY GLAND

TESTIS

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 1395	<b>TRT#:</b> F1-2	<b>DOSE:</b> 1000 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND221
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c Parental Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 11158

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**TISSUE STATUS**

---

**No Visible Lesions**

COWPERS GLAND  
VENTRAL PROSTATE

EPIDIDYMIS

PITUITARY GLAND

TESTIS

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

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<b>ANIMAL ID:</b> 1397	<b>TRT#:</b> F1-2	<b>DOSE:</b> 1000 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND221
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c Parental Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 11159

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**TISSUE STATUS**

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**No Visible Lesions**

COWPERS GLAND  
VENTRAL PROSTATE

EPIDIDYMIS

PITUITARY GLAND

TESTIS

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**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

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<b>ANIMAL ID:</b> 1399	<b>TRT#:</b> F1-2	<b>DOSE:</b> 1000 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND221
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c Parental Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 11042

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**TISSUE STATUS**

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**No Visible Lesions**

COWPERS GLAND

EPIDIDYMIS

PITUITARY GLAND

TESTIS

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**OBSERVATIONS**

VENTRAL PROSTATE

INFLAMMATION, CHRONIC

MINIMAL

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**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

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<b>ANIMAL ID:</b> 1401	<b>TRT#:</b> F1-2	<b>DOSE:</b> 1000 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND221
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c Parental Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 11043

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**TISSUE STATUS**

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**No Visible Lesions**

COWPERS GLAND  
VENTRAL PROSTATE

EPIDIDYMIS

PITUITARY GLAND

TESTIS

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**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

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<b>ANIMAL ID:</b> 1403	<b>TRT#:</b> F1-2	<b>DOSE:</b> 1000 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND220
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c Parental Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 11264

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**TISSUE STATUS**

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**No Visible Lesions**

COWPERS GLAND	EPIDIDYMIS	VENTRAL PROSTATE
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**OBSERVATIONS**

PITUITARY GLAND	PARS DISTALIS	CYST	
TESTIS	GERMINAL EPITHELIUM	DEGENERATION	MINIMAL

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**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

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<b>ANIMAL ID:</b> 1405	<b>TRT#:</b> F1-2	<b>DOSE:</b> 1000 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND220
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c Parental Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 11265

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**TISSUE STATUS**

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**No Visible Lesions**

COWPERS GLAND  
VENTRAL PROSTATE

EPIDIDYMIS

PITUITARY GLAND

TESTIS

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**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

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<b>ANIMAL ID:</b> 1409	<b>TRT#:</b> F1-2	<b>DOSE:</b> 1000 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND220
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c Parental Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 11276

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**TISSUE STATUS**

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**No Visible Lesions**

COWPERS GLAND	EPIDIDYMIS	PITUITARY GLAND	VENTRAL PROSTATE
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**OBSERVATIONS**

TESTIS	SEMINIFEROUS TUBULE	DYSGENESIS	MINIMAL
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**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

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<b>ANIMAL ID:</b> 1411	<b>TRT#:</b> F1-2	<b>DOSE:</b> 1000 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND221
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c Parental Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 11277

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**TISSUE STATUS**

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**No Visible Lesions**

COWPERS GLAND  
VENTRAL PROSTATE

EPIDIDYMIS

PITUITARY GLAND

TESTIS

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

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<b>ANIMAL ID:</b> 1419	<b>TRT#:</b> F1-2	<b>DOSE:</b> 1000 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND220
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c Parental Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 11344

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**TISSUE STATUS**

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**No Visible Lesions**

COWPERS GLAND  
VENTRAL PROSTATE

EPIDIDYMIS

PITUITARY GLAND

TESTIS

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**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

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<b>ANIMAL ID:</b> 1421	<b>TRT#:</b> F1-2	<b>DOSE:</b> 1000 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND220
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c Parental Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 11345

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**TISSUE STATUS**

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**No Visible Lesions**

COWPERS GLAND	EPIDIDYMIS	PITUITARY GLAND	VENTRAL PROSTATE
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**OBSERVATIONS**

TESTIS	GERMINAL EPITHELIUM	DEGENERATION	MINIMAL
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**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

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<b>ANIMAL ID:</b> 1423	<b>TRT#:</b> F1-2	<b>DOSE:</b> 1000 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND220
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c Parental Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 11349

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**TISSUE STATUS**

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**No Visible Lesions**

EPIDIDYMIS	PITUITARY GLAND	TESTIS	VENTRAL PROSTATE
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**OBSERVATIONS**

COWPERS GLAND	NO MICROSCOPIC CORRELATION
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Tissue Note: ONE OF A PAIR PRESENT.

[ NO MICROSCOPIC CORRELATION TGLS = 1-9 ]

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**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

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<b>ANIMAL ID:</b> 1425	<b>TRT#:</b> F1-2	<b>DOSE:</b> 1000 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND220
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c Parental Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 11357

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**TISSUE STATUS**

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**No Visible Lesions**

COWPERS GLAND  
VENTRAL PROSTATE

EPIDIDYMIS

PITUITARY GLAND

TESTIS

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**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

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<b>ANIMAL ID:</b> 1427	<b>TRT#:</b> F1-2	<b>DOSE:</b> 1000 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND220
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c Parental Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 11358

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**TISSUE STATUS**

**No Visible Lesions**

COWPERS GLAND

EPIDIDYMIS

PITUITARY GLAND

TESTIS

**OBSERVATIONS**

VENTRAL PROSTATE

INFLAMMATION, CHRONIC

MINIMAL

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

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<b>ANIMAL ID:</b> 1435	<b>TRT#:</b> F1-2	<b>DOSE:</b> 1000 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND220
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c Parental Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 11401

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**TISSUE STATUS**

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**No Visible Lesions**

COWPERS GLAND  
VENTRAL PROSTATE

EPIDIDYMIS

PITUITARY GLAND

TESTIS

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**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

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<b>ANIMAL ID:</b> 1437	<b>TRT#:</b> F1-2	<b>DOSE:</b> 1000 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND220
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c Parental Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 11402

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**TISSUE STATUS**

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**No Visible Lesions**

COWPERS GLAND  
VENTRAL PROSTATE

EPIDIDYMIS

PITUITARY GLAND

TESTIS

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**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

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<b>ANIMAL ID:</b> 1441	<b>TRT#:</b> F1-2	<b>DOSE:</b> 1000 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND219
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c Parental Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 11422

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**TISSUE STATUS**

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**No Visible Lesions**

COWPERS GLAND

EPIDIDYMIS

PITUITARY GLAND

TESTIS

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**OBSERVATIONS**

VENTRAL PROSTATE

INFLAMMATION, CHRONIC

MINIMAL

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**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

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<b>ANIMAL ID:</b> 1443	<b>TRT#:</b> F1-2	<b>DOSE:</b> 1000 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND219
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c Parental Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 11423

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**TISSUE STATUS**

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**No Visible Lesions**

COWPERS GLAND  
VENTRAL PROSTATE

EPIDIDYMIS

PITUITARY GLAND

TESTIS

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**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

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<b>ANIMAL ID:</b> 1601	<b>TRT#:</b> F1-3	<b>DOSE:</b> 5000 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND222
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c Parental Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 10521

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**TISSUE STATUS**

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**No Visible Lesions**

COWPERS GLAND  
VENTRAL PROSTATE

EPIDIDYMIS

PITUITARY GLAND

TESTIS

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**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

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<b>ANIMAL ID:</b> 1603	<b>TRT#:</b> F1-3	<b>DOSE:</b> 5000 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND222
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c Parental Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 10523

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**TISSUE STATUS**

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**No Visible Lesions**

COWPERS GLAND	EPIDIDYMIS	PITUITARY GLAND	VENTRAL PROSTATE
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**OBSERVATIONS**

TESTIS	GERMINAL EPITHELIUM	DEGENERATION	MINIMAL
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**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

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<b>ANIMAL ID:</b> 1609	<b>TRT#:</b> F1-3	<b>DOSE:</b> 5000 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND222
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c Parental Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 10598

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**TISSUE STATUS**

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**No Visible Lesions**

COWPERS GLAND  
VENTRAL PROSTATE

EPIDIDYMIS

PITUITARY GLAND

TESTIS

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

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<b>ANIMAL ID:</b> 1611	<b>TRT#:</b> F1-3	<b>DOSE:</b> 5000 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND222
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c Parental Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 10599

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**TISSUE STATUS**

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**No Visible Lesions**

COWPERS GLAND  
VENTRAL PROSTATE

EPIDIDYMIS

PITUITARY GLAND

TESTIS

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

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<b>ANIMAL ID:</b> 1617	<b>TRT#:</b> F1-3	<b>DOSE:</b> 5000 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND222
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c Parental Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 10471

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**TISSUE STATUS**

**No Visible Lesions**

COWPERS GLAND

EPIDIDYMIS

PITUITARY GLAND

TESTIS

**OBSERVATIONS**

VENTRAL PROSTATE

INFLAMMATION, CHRONIC

MINIMAL

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

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<b>ANIMAL ID:</b> 1619	<b>TRT#:</b> F1-3	<b>DOSE:</b> 5000 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND222
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c Parental Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 10472

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**TISSUE STATUS**

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**No Visible Lesions**

COWPERS GLAND  
VENTRAL PROSTATE

EPIDIDYMIS

PITUITARY GLAND

TESTIS

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**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

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<b>ANIMAL ID:</b> 1623	<b>TRT#:</b> F1-3	<b>DOSE:</b> 5000 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND222
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c Parental Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 10654

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**TISSUE STATUS**

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**No Visible Lesions**

COWPERS GLAND	EPIDIDYMIS	PITUITARY GLAND	TESTIS
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**OBSERVATIONS**

VENTRAL PROSTATE	INFLAMMATION, CHRONIC	MINIMAL
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**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

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<b>ANIMAL ID:</b> 1625	<b>TRT#:</b> F1-3	<b>DOSE:</b> 5000 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND222
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c Parental Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 10655

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**TISSUE STATUS**

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**No Visible Lesions**

COWPERS GLAND  
VENTRAL PROSTATE

EPIDIDYMIS

PITUITARY GLAND

TESTIS

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**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

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<b>ANIMAL ID:</b> 1635	<b>TRT#:</b> F1-3	<b>DOSE:</b> 5000 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND221
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c Parental Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 10767

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**TISSUE STATUS**

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**No Visible Lesions**

COWPERS GLAND  
VENTRAL PROSTATE

EPIDIDYMIS

PITUITARY GLAND

TESTIS

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**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

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<b>ANIMAL ID:</b> 1637	<b>TRT#:</b> F1-3	<b>DOSE:</b> 5000 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND138
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c Parental Males		<b>DISP:</b> Unscheduled Sacrifice	<b>HISTO:</b> 10768

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**TISSUE STATUS**

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**No Visible Lesions**

ADRENAL GLAND	COAGULATING GLAND	COWPERS GLAND	DORSAL PROSTATE
EPIDIDYMIS	LEVATOR ANI PLUS BULBOCAVERNOSUS MUSCLE	LIVER	PITUITARY GLAND
SEMINAL VESICLE	SPLEEN	TESTIS	THYMUS
THYROID GLAND	VENTRAL PROSTATE		

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**OBSERVATIONS**

KIDNEY	CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
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**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

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<b>ANIMAL ID:</b> 1641	<b>TRT#:</b> F1-3	<b>DOSE:</b> 5000 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND221
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c Parental Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 10778

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**TISSUE STATUS**

---

**No Visible Lesions**

COWPERS GLAND  
VENTRAL PROSTATE

EPIDIDYMIS

PITUITARY GLAND

TESTIS

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 1643	<b>TRT#:</b> F1-3	<b>DOSE:</b> 5000 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND222
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c Parental Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 10779

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**TISSUE STATUS**

---

**No Visible Lesions**

COWPERS GLAND  
VENTRAL PROSTATE

EPIDIDYMIS

PITUITARY GLAND

TESTIS

---



**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 1649	<b>TRT#:</b> F1-3	<b>DOSE:</b> 5000 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND221
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c Parental Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 10873

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**TISSUE STATUS**

---

**No Visible Lesions**

COWPERS GLAND  
VENTRAL PROSTATE

EPIDIDYMIS

PITUITARY GLAND

TESTIS

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

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<b>ANIMAL ID:</b> 1651	<b>TRT#:</b> F1-3	<b>DOSE:</b> 5000 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND221
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c Parental Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 10874

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**TISSUE STATUS**

---

**No Visible Lesions**

COWPERS GLAND  
VENTRAL PROSTATE

EPIDIDYMIS

PITUITARY GLAND

TESTIS

---

**OBSERVATIONS**

COWPERS GLAND

Tissue Note: ONE OF A PAIR PRESENT.

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**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 1661	<b>TRT#:</b> F1-3	<b>DOSE:</b> 5000 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND221
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c Parental Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 10990

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**TISSUE STATUS**

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**No Visible Lesions**

COWPERS GLAND	EPIDIDYMIS	PITUITARY GLAND	VENTRAL PROSTATE
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**OBSERVATIONS**

TESTIS	GERMINAL EPITHELIUM	DEGENERATION	MINIMAL
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**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 1663	<b>TRT#:</b> F1-3	<b>DOSE:</b> 5000 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND221
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c Parental Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 10991

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**TISSUE STATUS**

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**No Visible Lesions**

COWPERS GLAND	VENTRAL PROSTATE
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**OBSERVATIONS**

EPIDIDYMIS	DUCT	ATROPHY	MODERATE
	DUCT	EXFOLIATED GERM CELL	MODERATE
		HYOSPERMIA	MODERATE
[ HYOSPERMIA TGLS = 1-11 ]			
PITUITARY GLAND	PARS DISTALIS	HYPERTROPHY	MINIMAL
TESTIS	GERMINAL EPITHELIUM	DEGENERATION	MARKED
		MINERAL	MINIMAL
[ DEGENERATION TGLS = 2-11 ]			

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 1665	<b>TRT#:</b> F1-3	<b>DOSE:</b> 5000 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND221
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c Parental Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 10992

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**TISSUE STATUS**

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**No Visible Lesions**

COWPERS GLAND  
VENTRAL PROSTATE

EPIDIDYMIS

PITUITARY GLAND

TESTIS

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**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

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<b>ANIMAL ID:</b> 1677	<b>TRT#:</b> F1-3	<b>DOSE:</b> 5000 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND221
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c Parental Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 10886

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**TISSUE STATUS**

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**No Visible Lesions**

COWPERS GLAND

PITUITARY GLAND

VENTRAL PROSTATE

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**OBSERVATIONS**

EPIDIDYMIS

DUCT

EXFOLIATED GERM CELL

MINIMAL

TESTIS

GERMINAL EPITHELIUM

DEGENERATION

MINIMAL

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**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

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<b>ANIMAL ID:</b> 1679	<b>TRT#:</b> F1-3	<b>DOSE:</b> 5000 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND221
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c Parental Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 10887

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**TISSUE STATUS**

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**No Visible Lesions**

COWPERS GLAND  
VENTRAL PROSTATE

EPIDIDYMIS

PITUITARY GLAND

TESTIS

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**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

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<b>ANIMAL ID:</b> 1689	<b>TRT#:</b> F1-3	<b>DOSE:</b> 5000 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND221
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c Parental Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 10900

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**TISSUE STATUS**

---

**No Visible Lesions**

COWPERS GLAND

PITUITARY GLAND

VENTRAL PROSTATE

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**OBSERVATIONS**

EPIDIDYMIS

HYPOPLASIA

MARKED

HYOSPERMIA

MARKED

[ HYPOPLASIA TGLS = 1-11 ]

TESTIS

EDEMA

MARKED

HYPOPLASIA

MARKED

[ HYPOPLASIA TGLS = 2-11 ]

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**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 1691	<b>TRT#:</b> F1-3	<b>DOSE:</b> 5000 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND222
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c Parental Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 10901

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**TISSUE STATUS**

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**No Visible Lesions**

COWPERS GLAND	EPIDIDYMIS	PITUITARY GLAND	VENTRAL PROSTATE
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**OBSERVATIONS**

TESTIS	SEMINIFEROUS TUBULE	DYSGENESIS	MINIMAL
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**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 1701	<b>TRT#:</b> F1-3	<b>DOSE:</b> 5000 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND222
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c Parental Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 11001

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**TISSUE STATUS**

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**No Visible Lesions**

COWPERS GLAND  
VENTRAL PROSTATE

EPIDIDYMIS

PITUITARY GLAND

TESTIS

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**OBSERVATIONS**

PREPUTIAL GLAND

BILATERAL

INFLAMMATION, SUPPURATIVE

MARKED

[ INFLAMMATION, SUPPURATIVE TGLS = 1-11, 2-11 ]

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 1703	<b>TRT#:</b> F1-3	<b>DOSE:</b> 5000 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND222
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c Parental Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 11002

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**TISSUE STATUS**

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**No Visible Lesions**

COWPERS GLAND  
VENTRAL PROSTATE

EPIDIDYMIS

PITUITARY GLAND

TESTIS

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

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<b>ANIMAL ID:</b> 1711	<b>TRT#:</b> F1-3	<b>DOSE:</b> 5000 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND222
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c Parental Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 10913

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**TISSUE STATUS**

**No Visible Lesions**

COWPERS GLAND

EPIDIDYMIS

PITUITARY GLAND

TESTIS

**OBSERVATIONS**

VENTRAL PROSTATE

INFLAMMATION, CHRONIC

MILD

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 1713	<b>TRT#:</b> F1-3	<b>DOSE:</b> 5000 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND222
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c Parental Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 10914

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**TISSUE STATUS**

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**No Visible Lesions**

COWPERS GLAND  
VENTRAL PROSTATE

EPIDIDYMIS

PITUITARY GLAND

TESTIS

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 1729	<b>TRT#:</b> F1-3	<b>DOSE:</b> 5000 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND221
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c Parental Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 11050

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**TISSUE STATUS**

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**No Visible Lesions**

COWPERS GLAND  
VENTRAL PROSTATE

EPIDIDYMIS

PITUITARY GLAND

TESTIS

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**OBSERVATIONS**

PREPUTIAL GLAND

INFLAMMATION, SUPPURATIVE

MARKED

[ INFLAMMATION, SUPPURATIVE TGLS = 1-11 ]

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 1731	<b>TRT#:</b> F1-3	<b>DOSE:</b> 5000 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND221
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c Parental Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 11051

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**TISSUE STATUS**

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**No Visible Lesions**

COWPERS GLAND

PITUITARY GLAND

VENTRAL PROSTATE

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**OBSERVATIONS**

EPIDIDYMIS

DUCT

ATROPHY

MARKED

HYOSPERMIA

MARKED

[ ATROPHY TGLS = 1-8 ]

TESTIS

GERMINAL EPITHELIUM

DEGENERATION

MARKED

INTERSTITIAL CELL

HYPERPLASIA

DIFFUSE, MILD

[ DEGENERATION TGLS = 2-8 ]

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 1733	<b>TRT#:</b> F1-3	<b>DOSE:</b> 5000 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND221
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c Parental Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 11149

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**TISSUE STATUS**

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**No Visible Lesions**

COWPERS GLAND  
VENTRAL PROSTATE

EPIDIDYMIS

PITUITARY GLAND

TESTIS

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**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 1735	<b>TRT#:</b> F1-3	<b>DOSE:</b> 5000 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND221
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c Parental Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 11150

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**TISSUE STATUS**

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**No Visible Lesions**

COWPERS GLAND  
VENTRAL PROSTATE

EPIDIDYMIS

PITUITARY GLAND

TESTIS

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

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<b>ANIMAL ID:</b> 1745	<b>TRT#:</b> F1-3	<b>DOSE:</b> 5000 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND221
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c Parental Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 11141

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**TISSUE STATUS**

**No Visible Lesions**

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COWPERS GLAND	EPIDIDYMIS	TESTIS	VENTRAL PROSTATE
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**OBSERVATIONS**

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PITUITARY GLAND	PARS DISTALIS	CYST
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**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

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<b>ANIMAL ID:</b> 1747	<b>TRT#:</b> F1-3	<b>DOSE:</b> 5000 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND222
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c Parental Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 11142

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**TISSUE STATUS**

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**No Visible Lesions**

COWPERS GLAND  
VENTRAL PROSTATE

EPIDIDYMIS

PITUITARY GLAND

TESTIS

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**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

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<b>ANIMAL ID:</b> 1751	<b>TRT#:</b> F1-3	<b>DOSE:</b> 5000 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND221
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c Parental Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 11298

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**TISSUE STATUS**

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**No Visible Lesions**

COWPERS GLAND  
VENTRAL PROSTATE

EPIDIDYMIS

PITUITARY GLAND

TESTIS

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**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

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<b>ANIMAL ID:</b> 1753	<b>TRT#:</b> F1-3	<b>DOSE:</b> 5000 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND221
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c Parental Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 11299

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**TISSUE STATUS**

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**No Visible Lesions**

COWPERS GLAND  
VENTRAL PROSTATE

EPIDIDYMIS

PITUITARY GLAND

TESTIS

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**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

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<b>ANIMAL ID:</b> 1769	<b>TRT#:</b> F1-3	<b>DOSE:</b> 5000 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND134
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c Parental Males		<b>DISP:</b> Unscheduled Sacrifice	<b>HISTO:</b> 11368

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**TISSUE STATUS**

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**No Visible Lesions**

ADRENAL GLAND	COAGULATING GLAND	COWPERS GLAND	DORSAL PROSTATE
EPIDIDYMIS	LEVATOR ANI PLUS BULBOCAVERNOSUS MUSCLE	LIVER	PITUITARY GLAND
SEMINAL VESICLE	SPLEEN	TESTIS	THYMUS
THYROID GLAND	VENTRAL PROSTATE		

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**OBSERVATIONS**

KIDNEY	CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
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**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 1771	<b>TRT#:</b> F1-3	<b>DOSE:</b> 5000 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND220
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c Parental Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 11369

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**TISSUE STATUS**

---

**No Visible Lesions**

COWPERS GLAND  
VENTRAL PROSTATE

EPIDIDYMIS

PITUITARY GLAND

TESTIS

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

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<b>ANIMAL ID:</b> 1775	<b>TRT#:</b> F1-3	<b>DOSE:</b> 5000 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND220
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c Parental Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 11391

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**TISSUE STATUS**

---

**No Visible Lesions**

COWPERS GLAND  
VENTRAL PROSTATE

EPIDIDYMIS

PITUITARY GLAND

TESTIS

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 1777	<b>TRT#:</b> F1-3	<b>DOSE:</b> 5000 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND220
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c Parental Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 11392

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**TISSUE STATUS**

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**No Visible Lesions**

COWPERS GLAND  
VENTRAL PROSTATE

EPIDIDYMIS

PITUITARY GLAND

TESTIS

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**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

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<b>ANIMAL ID:</b> 1785	<b>TRT#:</b> F1-3	<b>DOSE:</b> 5000 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND135
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c Parental Males		<b>DISP:</b> Unscheduled Sacrifice	<b>HISTO:</b> 11477

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**TISSUE STATUS**

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**No Visible Lesions**

ADRENAL GLAND	COAGULATING GLAND	COWPERS GLAND	EPIDIDYMIS
LEVATOR ANI PLUS BULBOCAVERNOSUS MUSCLE	LIVER	PITUITARY GLAND	SEMINAL VESICLE
SPLEEN	TESTIS	THYMUS	THYROID GLAND

---

**OBSERVATIONS**

DORSAL PROSTATE	INFLAMMATION, ACUTE	MINIMAL
KIDNEY	CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
VENTRAL PROSTATE	INFLAMMATION, CHRONIC	MINIMAL

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 1787	<b>TRT#:</b> F1-3	<b>DOSE:</b> 5000 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND213
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c Parental Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 11478

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**TISSUE STATUS**

---

**No Visible Lesions**

COWPERS GLAND

PITUITARY GLAND

VENTRAL PROSTATE

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**OBSERVATIONS**

EPIDIDYMIS

DUCT

EXFOLIATED GERM CELL

MINIMAL

TESTIS

GERMINAL EPITHELIUM

DEGENERATION

MINIMAL

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**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 1901	<b>TRT#:</b> F1-4	<b>DOSE:</b> 10000 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND222
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c Parental Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 10534

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**TISSUE STATUS**

**No Visible Lesions**

ADRENAL GLAND	COAGULATING GLAND	COWPERS GLAND	DORSAL PROSTATE
LEVATOR ANI PLUS BULBOCAVERNOSUS MUSCLE	PITUITARY GLAND	SEMINAL VESICLE	THYMUS
THYROID GLAND			

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**NOT COLLECTED**

SPLEEN

---

**OBSERVATIONS**

COWPERS GLAND		NO MICROSCOPIC FINDING RECORDED	
Tissue Note: ONLY ONE OF A PAIR PRESENT			
Tissue Note: ONE OF A PAIR PRESENT.			
[ NO MICROSCOPIC FINDING RECORDED TGLS = 1-9 ]			
EPIDIDYMIS	DUCT	ATROPHY	MARKED
		HYOSPERMIA	MARKED
[ ATROPHY TGLS = 2-11 ]			
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER		INFLAMMATION	FOCAL, MINIMAL
TESTIS	GERMINAL EPITHELIUM	ATROPHY	MARKED
	INTERSTITIAL CELL	HYPERPLASIA	DIFFUSE, MILD
[ ATROPHY TGLS = 3-11 ]			
VENTRAL PROSTATE		INFILTRATION CELLULAR	LYMPHOCYTE, MINIMAL

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 1903	<b>TRT#:</b> F1-4	<b>DOSE:</b> 10000 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND222
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c Parental Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 10502

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**TISSUE STATUS**

**No Visible Lesions**

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ADRENAL GLAND	COAGULATING GLAND	DORSAL PROSTATE	LEVATOR ANI PLUS BULBOCAVERNOSUS MUSCLE
LIVER	PITUITARY GLAND	THYMUS	THYROID GLAND

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**NOT COLLECTED**

SPLEEN

---

**OBSERVATIONS**

COWPERS GLAND		NO MICROSCOPIC CORRELATION	
[ NO MICROSCOPIC CORRELATION TGLS = 1-9 ]			
EPIDIDYMIS	DUCT	ATROPHY	MARKED
		HYOSPERMIA	MARKED
[ ATROPHY TGLS = 2-8 ]			
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MILD
SEMINAL VESICLE		INFLAMMATION	ACUTE, MILD
TESTIS	GERMINAL EPITHELIUM	ATROPHY	MARKED
		EDEMA	MILD
	INTERSTITIAL CELL	HYPERPLASIA	FOCAL, MINIMAL
[ ATROPHY TGLS = 3-8 ]			
VENTRAL PROSTATE		INFILTRATION CELLULAR	LYMPHOCYTE, MINIMAL

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 1905	<b>TRT#:</b> F1-4	<b>DOSE:</b> 10000 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND222
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c Parental Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 10503

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**TISSUE STATUS**

**No Visible Lesions**

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ADRENAL GLAND	COAGULATING GLAND	COWPERS GLAND	LEVATOR ANI PLUS BULBOCAVERNOSUS MUSCLE
LIVER	PITUITARY GLAND	SEMINAL VESICLE	THYMUS
THYROID GLAND	VENTRAL PROSTATE		

---

**NOT COLLECTED**

SPLEEN

---

**OBSERVATIONS**

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DORSAL PROSTATE		INFLAMMATION, ACUTE	MILD
EPIDIDYMIS	DUCT	EXFOLIATED GERM CELL	MINIMAL
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MILD
TESTIS	GERMINAL EPITHELIUM	DEGENERATION	MINIMAL

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 1911	<b>TRT#:</b> F1-4	<b>DOSE:</b> 10000 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND222
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c Parental Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 10611

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**TISSUE STATUS**

**No Visible Lesions**

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ADRENAL GLAND	COAGULATING GLAND	COWPERS GLAND	DORSAL PROSTATE
EPIDIDYMIS	LEVATOR ANI PLUS BULBOCAVERNOSUS MUSCLE	LIVER	PITUITARY GLAND
SEMINAL VESICLE	TESTIS	THYMUS	THYROID GLAND

---

**NOT COLLECTED**

SPLEEN

---

**OBSERVATIONS**

---

KIDNEY	CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
VENTRAL PROSTATE	INFILTRATION CELLULAR	LYMPHOCYTE, MINIMAL

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 1913	<b>TRT#:</b> F1-4	<b>DOSE:</b> 10000 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND222
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c Parental Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 10612

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**TISSUE STATUS**

**No Visible Lesions**

---

COAGULATING GLAND	COWPERS GLAND	DORSAL PROSTATE	EPIDIDYMIS
LEVATOR ANI PLUS BULBOCAVERNOSUS MUSCLE	LIVER	PITUITARY GLAND	SEMINAL VESICLE
TESTIS	THYMUS	THYROID GLAND	

---

**NOT COLLECTED**

SPLEEN

---

**OBSERVATIONS**

---

ADRENAL GLAND	CORTEX	VACUOLATION	DIFFUSE, MINIMAL
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
VENTRAL PROSTATE		INFLAMMATION, CHRONIC	MINIMAL

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 1919	<b>TRT#:</b> F1-4	<b>DOSE:</b> 10000 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND221
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c Parental Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 10807

---

**TISSUE STATUS**

**No Visible Lesions**

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ADRENAL GLAND	COAGULATING GLAND	COWPERS GLAND	DORSAL PROSTATE
EPIDIDYMIS	LEVATOR ANI PLUS BULBOCAVERNOSUS MUSCLE	LIVER	PITUITARY GLAND
SEMINAL VESICLE	TESTIS	THYMUS	THYROID GLAND

---

**NOT COLLECTED**

SPLEEN

**OBSERVATIONS**

---

KIDNEY	CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
VENTRAL PROSTATE	INFLAMMATION, CHRONIC	MINIMAL

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 1921	<b>TRT#:</b> F1-4	<b>DOSE:</b> 10000 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND221
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c Parental Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 10787

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**TISSUE STATUS**

**No Visible Lesions**

COAGULATING GLAND	COWPERS GLAND	DORSAL PROSTATE	LEVATOR ANI PLUS BULBOCAVERNOSUS MUSCLE
LIVER	SEMINAL VESICLE	THYMUS	THYROID GLAND
VENTRAL PROSTATE			

---

**NO SECTION PRESENT**

EPIDIDYMIS

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**NOT COLLECTED**

SPLEEN

---

**OBSERVATIONS**

ADRENAL GLAND	CORTEX	VACUOLATION	DIFFUSE, MINIMAL
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MILD
	PAPILLA	MINERAL	MINIMAL
PITUITARY GLAND	PARS DISTALIS	HYPERTROPHY	MINIMAL
TESTIS	GERMINAL EPITHELIUM	ATROPHY	MARKED
		EDEMA	MILD
	INTERSTITIAL CELL	HYPERPLASIA	DIFFUSE, MODERATE

---

[ ATROPHY TGLS = 2-11 ]

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 1923	<b>TRT#:</b> F1-4	<b>DOSE:</b> 10000 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND221
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c Parental Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 10789

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**TISSUE STATUS**

**No Visible Lesions**

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ADRENAL GLAND	COAGULATING GLAND	COWPERS GLAND	DORSAL PROSTATE
EPIDIDYMIS	LEVATOR ANI PLUS BULBOCAVERNOSUS MUSCLE	LIVER	PITUITARY GLAND
SEMINAL VESICLE	TESTIS	THYMUS	THYROID GLAND

---

**NOT COLLECTED**

SPLEEN

**OBSERVATIONS**

---

KIDNEY	CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
VENTRAL PROSTATE	INFLAMMATION, CHRONIC	MINIMAL

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 1925	<b>TRT#:</b> F1-4	<b>DOSE:</b> 10000 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND221
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c Parental Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 10790

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**TISSUE STATUS**

**No Visible Lesions**

ADRENAL GLAND	COAGULATING GLAND	COWPERS GLAND	DORSAL PROSTATE
EPIDIDYMIS	LEVATOR ANI PLUS BULBOCAVERNOSUS MUSCLE	LIVER	PITUITARY GLAND
SEMINAL VESICLE	TESTIS	THYMUS	THYROID GLAND
VENTRAL PROSTATE			

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**NOT COLLECTED**

SPLEEN

---

**OBSERVATIONS**

KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
	PELVIS	DILATION	MILD
[ DILATION TGLS = 1-2 ]			
PREPUTIAL GLAND		INFLAMMATION, SUPPURATIVE	MODERATE
[ INFLAMMATION, SUPPURATIVE TGLS = 2-11 ]			

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**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

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<b>ANIMAL ID:</b> 1933	<b>TRT#:</b> F1-4	<b>DOSE:</b> 10000 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND221
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c Parental Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 10691

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**TISSUE STATUS**

**No Visible Lesions**

ADRENAL GLAND	COAGULATING GLAND	COWPERS GLAND	DORSAL PROSTATE
EPIDIDYMIS	LEVATOR ANI PLUS BULBOCAVERNOSUS MUSCLE	LIVER	PITUITARY GLAND
SEMINAL VESICLE	TESTIS	THYMUS	THYROID GLAND
VENTRAL PROSTATE			

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**NOT COLLECTED**

SPLEEN

---

**OBSERVATIONS**

KIDNEY	CHRONIC PROGRESSIVE NEPHROPATHY	MILD
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**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 1935	<b>TRT#:</b> F1-4	<b>DOSE:</b> 10000 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND222
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c Parental Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 10692

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**TISSUE STATUS**

**No Visible Lesions**

ADRENAL GLAND	COAGULATING GLAND	COWPERS GLAND	DORSAL PROSTATE
EPIDIDYMIS	LEVATOR ANI PLUS BULBOCAVERNOSUS MUSCLE	LIVER	PITUITARY GLAND
SEMINAL VESICLE	TESTIS	THYMUS	THYROID GLAND
VENTRAL PROSTATE			

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**NOT COLLECTED**

SPLEEN

---

**OBSERVATIONS**

KIDNEY	CHRONIC PROGRESSIVE NEPHROPATHY	MILD
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**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

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<b>ANIMAL ID:</b> 1945	<b>TRT#:</b> F1-4	<b>DOSE:</b> 10000 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND222
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c Parental Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 10803

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**TISSUE STATUS**

**No Visible Lesions**

ADRENAL GLAND	COAGULATING GLAND	COWPERS GLAND	DORSAL PROSTATE
EPIDIDYMIS	LEVATOR ANI PLUS BULBOCAVERNOSUS MUSCLE	LIVER	PITUITARY GLAND
SEMINAL VESICLE	TESTIS	THYMUS	THYROID GLAND
VENTRAL PROSTATE			

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**NOT COLLECTED**

SPLEEN

---

**OBSERVATIONS**

KIDNEY	CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
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**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

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<b>ANIMAL ID:</b> 1947	<b>TRT#:</b> F1-4	<b>DOSE:</b> 10000 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND222
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c Parental Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 10804

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**TISSUE STATUS**

**No Visible Lesions**

ADRENAL GLAND	COAGULATING GLAND	COWPERS GLAND	DORSAL PROSTATE
EPIDIDYMIS	LEVATOR ANI PLUS BULBOCAVERNOSUS MUSCLE	LIVER	PITUITARY GLAND
SEMINAL VESICLE	TESTIS	THYMUS	THYROID GLAND
VENTRAL PROSTATE			

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**NOT COLLECTED**

SPLEEN

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**OBSERVATIONS**

KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
	PELVIS	DILATION	MINIMAL

[ DILATION TGLS = 1-2 ]

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**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

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<b>ANIMAL ID:</b> 1951	<b>TRT#:</b> F1-4	<b>DOSE:</b> 10000 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND221
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c Parental Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 11016

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**TISSUE STATUS**

**No Visible Lesions**

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ADRENAL GLAND	COAGULATING GLAND	COWPERS GLAND	DORSAL PROSTATE
EPIDIDYMIS	LEVATOR ANI PLUS BULBOCAVERNOSUS MUSCLE	LIVER	PITUITARY GLAND
SEMINAL VESICLE	THYMUS	THYROID GLAND	VENTRAL PROSTATE

---

**NOT COLLECTED**

SPLEEN

---

**OBSERVATIONS**

---

KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
	PAPILLA	MINERAL	MINIMAL
TESTIS	GERMINAL EPITHELIUM	DEGENERATION	MINIMAL
	INTERSTITIAL CELL	HYPERPLASIA	FOCAL, MINIMAL

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 1953	<b>TRT#:</b> F1-4	<b>DOSE:</b> 10000 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND221
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c Parental Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 11017

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**TISSUE STATUS**

**No Visible Lesions**

ADRENAL GLAND	COAGULATING GLAND	COWPERS GLAND	DORSAL PROSTATE
EPIDIDYMIS	LEVATOR ANI PLUS BULBOCAVERNOSUS MUSCLE	LIVER	PITUITARY GLAND
SEMINAL VESICLE	TESTIS	THYMUS	THYROID GLAND
VENTRAL PROSTATE			

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**NOT COLLECTED**

SPLEEN

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**OBSERVATIONS**

KIDNEY	CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
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**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 1961	<b>TRT#:</b> F1-4	<b>DOSE:</b> 10000 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND221
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c Parental Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 11031

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**TISSUE STATUS**

**No Visible Lesions**

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ADRENAL GLAND	COAGULATING GLAND	COWPERS GLAND	DORSAL PROSTATE
EPIDIDYMIS	LEVATOR ANI PLUS BULBOCAVERNOSUS MUSCLE	PITUITARY GLAND	SEMINAL VESICLE
THYMUS	THYROID GLAND	VENTRAL PROSTATE	

---

**NOT COLLECTED**

SPLEEN

---

**OBSERVATIONS**

---

KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER		INFLAMMATION	FOCAL, MINIMAL
PREPUTIAL GLAND	BILATERAL	INFLAMMATION, SUPPURATIVE	MILD
[ INFLAMMATION, SUPPURATIVE TGLS = 1-11, 2-11 ]			
TESTIS	GERMINAL EPITHELIUM	DEGENERATION	MINIMAL

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 1963	<b>TRT#:</b> F1-4	<b>DOSE:</b> 10000 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND221
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c Parental Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 11032

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**TISSUE STATUS**

**No Visible Lesions**

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ADRENAL GLAND	COAGULATING GLAND	COWPERS GLAND	DORSAL PROSTATE
EPIDIDYMIS	LEVATOR ANI PLUS BULBOCAVERNOSUS MUSCLE	PITUITARY GLAND	SEMINAL VESICLE
TESTIS	THYMUS	THYROID GLAND	VENTRAL PROSTATE

---

**NOT COLLECTED**

SPLEEN

---

**OBSERVATIONS**

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KIDNEY	CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER	INFLAMMATION	FOCAL, MINIMAL

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**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

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<b>ANIMAL ID:</b> 1973	<b>TRT#:</b> F1-4	<b>DOSE:</b> 10000 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND221
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c Parental Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 10961

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**TISSUE STATUS**

**No Visible Lesions**

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ADRENAL GLAND	COAGULATING GLAND	COWPERS GLAND	DORSAL PROSTATE
LEVATOR ANI PLUS BULBOCAVERNOSUS MUSCLE	LIVER	PITUITARY GLAND	SEMINAL VESICLE
THYMUS	THYROID GLAND	VENTRAL PROSTATE	

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**NOT COLLECTED**

SPLEEN

---

**OBSERVATIONS**

---

EPIDIDYMIS	DUCT	EXFOLIATED GERM CELL	MINIMAL
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
TESTIS	GERMINAL EPITHELIUM	DEGENERATION	MINIMAL

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 1975	<b>TRT#:</b> F1-4	<b>DOSE:</b> 10000 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND221
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c Parental Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 10962

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**TISSUE STATUS**

**No Visible Lesions**

ADRENAL GLAND	COAGULATING GLAND	COWPERS GLAND	DORSAL PROSTATE
EPIDIDYMIS	LEVATOR ANI PLUS BULBOCAVERNOSUS MUSCLE	LIVER	PITUITARY GLAND
SEMINAL VESICLE	THYROID GLAND	VENTRAL PROSTATE	

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**NOT COLLECTED**

SPLEEN

---

**NOT PRESENT**

THYMUS

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**OBSERVATIONS**

COWPERS GLAND	NO MICROSCOPIC FINDING RECORDED
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Tissue Note: ONLY ONE OF A PAIR PRESENT

Tissue Note: ONE OF A PAIR PRESENT.

[ NO MICROSCOPIC FINDING RECORDED TGLS = 1-9 ]

KIDNEY	CHRONIC PROGRESSIVE NEPHROPATHY	MILD	
TESTIS	GERMINAL EPITHELIUM	DEGENERATION	MINIMAL

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**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 1977	<b>TRT#:</b> F1-4	<b>DOSE:</b> 10000 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND221
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c Parental Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 10963

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**TISSUE STATUS**

**No Visible Lesions**

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ADRENAL GLAND	COAGULATING GLAND	COWPERS GLAND	DORSAL PROSTATE
EPIDIDYMIS	LEVATOR ANI PLUS BULBOCAVERNOSUS MUSCLE	LIVER	PITUITARY GLAND
SEMINAL VESICLE	THYROID GLAND	VENTRAL PROSTATE	

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**NOT COLLECTED**

SPLEEN

---

**OBSERVATIONS**

---

KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
PREPUTIAL GLAND		INFLAMMATION, SUPPURATIVE	MARKED
[ INFLAMMATION, SUPPURATIVE TGLS = 1-12, 2-12, 3-12 ]			
SKIN		INFLAMMATION, SUPPURATIVE	MARKED
[ INFLAMMATION, SUPPURATIVE TGLS = 4-11 ]			
TESTIS	INTERSTITIAL CELL	HYPERPLASIA	FOCAL, MINIMAL
THYMUS		HYPERPLASIA	EPITHELIAL, MINIMAL

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 1987	<b>TRT#:</b> F1-4	<b>DOSE:</b> 10000 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND222
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c Parental Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 10928

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**TISSUE STATUS**

**No Visible Lesions**

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ADRENAL GLAND	COAGULATING GLAND	COWPERS GLAND	DORSAL PROSTATE
EPIDIDYMIS	LEVATOR ANI PLUS BULBOCAVERNOSUS MUSCLE	LIVER	PITUITARY GLAND
SEMINAL VESICLE	TESTIS	THYMUS	THYROID GLAND
VENTRAL PROSTATE			

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**NOT COLLECTED**

SPLEEN

---

**OBSERVATIONS**

KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
	PAPILLA	MINERAL	MINIMAL

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 1989	<b>TRT#:</b> F1-4	<b>DOSE:</b> 10000 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND222
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c Parental Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 10929

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**TISSUE STATUS**

**No Visible Lesions**

ADRENAL GLAND	COAGULATING GLAND	COWPERS GLAND	DORSAL PROSTATE
LEVATOR ANI PLUS BULBOCAVERNOSUS MUSCLE	LIVER	SEMINAL VESICLE	THYMUS
THYROID GLAND	VENTRAL PROSTATE		

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**NOT COLLECTED**

SPLEEN

---

**OBSERVATIONS**

EPIDIDYMIS		HYPOPLASIA	MILD
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
	CORTICOMEDULLARY JUNCTION	MINERAL	MINIMAL
PITUITARY GLAND	PARS DISTALIS	HYPERPLASIA	MINIMAL
	PARS DISTALIS	HYPERTROPHY	MILD
TESTIS	SEMINIFEROUS TUBULE	DYSGENESIS	MARKED
		HYPOPLASIA	MARKED

---

[ DYSGENESIS TGLS = 1-11 ]

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 1991	<b>TRT#:</b> F1-4	<b>DOSE:</b> 10000 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND222
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c Parental Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 10930

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**TISSUE STATUS**

**No Visible Lesions**

ADRENAL GLAND	COAGULATING GLAND	COWPERS GLAND	DORSAL PROSTATE
LEVATOR ANI PLUS BULBOCAVERNOSUS MUSCLE	LIVER	SEMINAL VESICLE	THYMUS
THYROID GLAND	VENTRAL PROSTATE		

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**NOT COLLECTED**

SPLEEN

---

**OBSERVATIONS**

EPIDIDYMIS	DUCT	ATROPHY	MARKED
		HYOSPERMIA	MARKED
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
	PAPILLA	MINERAL	MINIMAL
PITUITARY GLAND	PARS DISTALIS	HYPERTROPHY	MINIMAL
TESTIS	GERMINAL EPITHELIUM	ATROPHY	MARKED
		EDEMA	MILD
	INTERSTITIAL CELL	HYPERPLASIA	DIFFUSE, MILD

---

[ ATROPHY TGLS = 1-8 ]

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

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<b>ANIMAL ID:</b> 2001	<b>TRT#:</b> F1-4	<b>DOSE:</b> 10000 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND221
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c Parental Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 11072

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**TISSUE STATUS**

**No Visible Lesions**

ADRENAL GLAND	COAGULATING GLAND	COWPERS GLAND	DORSAL PROSTATE
EPIDIDYMIS	LEVATOR ANI PLUS BULBOCAVERNOSUS MUSCLE	LIVER	PITUITARY GLAND
SEMINAL VESICLE	TESTIS	THYMUS	THYROID GLAND

---

**NOT COLLECTED**

SPLEEN

---

**OBSERVATIONS**

KIDNEY	CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
VENTRAL PROSTATE	INFILTRATION CELLULAR	LYMPHOCYTE, MINIMAL

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 2003	<b>TRT#:</b> F1-4	<b>DOSE:</b> 10000 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND221
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c Parental Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 11073

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**TISSUE STATUS**

**No Visible Lesions**

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ADRENAL GLAND	COAGULATING GLAND	COWPERS GLAND	DORSAL PROSTATE
EPIDIDYMIS	LEVATOR ANI PLUS BULBOCAVERNOSUS MUSCLE	PITUITARY GLAND	SEMINAL VESICLE
THYMUS	THYROID GLAND	VENTRAL PROSTATE	

---

**NOT COLLECTED**

SPLEEN

---

**OBSERVATIONS**

---

KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
	PELVIS	DILATION	MILD
[ DILATION TGLS = 1-2 ]			
LIVER	BILE DUCT	HYPERPLASIA	MINIMAL
TESTIS	GERMINAL EPITHELIUM	DEGENERATION	MINIMAL

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

<b>ANIMAL ID:</b> 2009	<b>TRT#:</b> F1-4	<b>DOSE:</b> 10000 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND221
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c Parental Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 11111

**TISSUE STATUS**

**No Visible Lesions**

ADRENAL GLAND	COAGULATING GLAND	DORSAL PROSTATE	LEVATOR ANI PLUS BULBOCAVERNOSUS MUSCLE
LIVER	THYMUS	THYROID GLAND	

**NOT COLLECTED**

SPLEEN

**OBSERVATIONS**

COWPERS GLAND		HYPOPLASIA NO MICROSCOPIC FINDING RECORDED	MILD
Tissue Note: ONE OF A PAIR PRESENT.			
Tissue Note: ONLY ONE OF A PAIR PRESENT			
[ HYPOPLASIA TGLS = 1-9 ]			
[ NO MICROSCOPIC FINDING RECORDED TGLS = 2-9 ]			
EPIDIDYMIS	DUCT	ATROPHY HYOSPERMIA	MARKED MARKED
[ ATROPHY TGLS = 3-11 ]			
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MILD
LYMPH NODE		HYPERPLASIA	PLASMA CELL, MILD
[ HYPERPLASIA TGLS = 4-12 ]			
PITUITARY GLAND	PARS DISTALIS	HYPERTROPHY	MILD
SEMINAL VESICLE		NO MICROSCOPIC CORRELATION	
[ NO MICROSCOPIC CORRELATION TGLS = 6-9 ]			
TESTIS	GERMINAL EPITHELIUM INTERSTITIAL CELL	ATROPHY HYPERPLASIA	MARKED DIFFUSE, MODERATE
[ ATROPHY TGLS = 7-11 ]			
VENTRAL PROSTATE		INFILTRATION CELLULAR NO MICROSCOPIC CORRELATION	LYMPHOCYTE, MINIMAL
[ NO MICROSCOPIC CORRELATION TGLS = 5-9 ]			

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

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<b>ANIMAL ID:</b> 2011	<b>TRT#:</b> F1-4	<b>DOSE:</b> 10000 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND221
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c Parental Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 11112

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**TISSUE STATUS**

**No Visible Lesions**

ADRENAL GLAND	COAGULATING GLAND	COWPERS GLAND	DORSAL PROSTATE
EPIDIDYMIS	LEVATOR ANI PLUS BULBOCAVERNOSUS MUSCLE	LIVER	PITUITARY GLAND
SEMINAL VESICLE	TESTIS	THYMUS	THYROID GLAND
VENTRAL PROSTATE			

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**NOT COLLECTED**

SPLEEN

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**OBSERVATIONS**

KIDNEY	CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
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**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 2013	<b>TRT#:</b> F1-4	<b>DOSE:</b> 10000 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND221
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c Parental Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 11113

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**TISSUE STATUS**

**No Visible Lesions**

ADRENAL GLAND	COAGULATING GLAND	COWPERS GLAND	DORSAL PROSTATE
LEVATOR ANI PLUS BULBOCAVERNOSUS MUSCLE	LIVER	PITUITARY GLAND	SEMINAL VESICLE
THYMUS	THYROID GLAND	VENTRAL PROSTATE	

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**NOT COLLECTED**

SPLEEN

---

**OBSERVATIONS**

EPIDIDYMIS		HYPOPLASIA	MODERATE
		HYOSPERMIA	MARKED
[ HYPOPLASIA TGLS = 1-8 ]			
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
PREPUTIAL GLAND	BILATERAL	INFLAMMATION, SUPPURATIVE	MODERATE
[ INFLAMMATION, SUPPURATIVE TGLS = 2-11,3-11 ]			
TESTIS		EDEMA	MODERATE
		HYPOPLASIA	MARKED
[ EDEMA TGLS = 4-8 ]			
[ HYPOPLASIA TGLS = 4-8 ]			

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**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

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<b>ANIMAL ID:</b> 2023	<b>TRT#:</b> F1-4	<b>DOSE:</b> 10000 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND221
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c Parental Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 11123

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**TISSUE STATUS**

**No Visible Lesions**

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ADRENAL GLAND	COAGULATING GLAND	COWPERS GLAND	DORSAL PROSTATE
EPIDIDYMIS	LEVATOR ANI PLUS BULBOCAVERNOSUS MUSCLE	LIVER	PITUITARY GLAND
SEMINAL VESICLE	THYMUS	THYROID GLAND	

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**NOT COLLECTED**

SPLEEN

---

**OBSERVATIONS**

---

KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
PREPUTIAL GLAND	DUCT	DILATION	MILD
[ DILATION TGLS = 1-11 ]			
TESTIS	INTERSTITIAL CELL	HYPERPLASIA	FOCAL, MINIMAL
VENTRAL PROSTATE		INFILTRATION CELLULAR	LYMPHOCYTE, MINIMAL

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**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

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<b>ANIMAL ID:</b> 2025	<b>TRT#:</b> F1-4	<b>DOSE:</b> 10000 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND221
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c Parental Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 11125

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**TISSUE STATUS**

**No Visible Lesions**

ADRENAL GLAND	COAGULATING GLAND	COWPERS GLAND	DORSAL PROSTATE
LEVATOR ANI PLUS BULBOCAVERNOSUS MUSCLE	LIVER	PITUITARY GLAND	SEMINAL VESICLE
THYMUS	THYROID GLAND		

---

**NOT COLLECTED**

SPLEEN

---

**OBSERVATIONS**

EPIDIDYMIS	DUCT	ATROPHY	MILD
	DUCT	EXFOLIATED GERM CELL	MILD
		HYOSPERMIA	MILD
[ HYOSPERMIA TGLS = 1-8 ]			
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
TESTIS	GERMINAL EPITHELIUM	DEGENERATION	MODERATE
[ DEGENERATION TGLS = 2-8 ]			
VENTRAL PROSTATE		INFILTRATION CELLULAR	LYMPHOCYTE, MINIMAL

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

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<b>ANIMAL ID:</b> 2027	<b>TRT#:</b> F1-4	<b>DOSE:</b> 10000 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND222
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c Parental Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 11056

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**TISSUE STATUS**

**No Visible Lesions**

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ADRENAL GLAND	COAGULATING GLAND	COWPERS GLAND	DORSAL PROSTATE
LEVATOR ANI PLUS BULBOCAVERNOSUS MUSCLE	LIVER	PITUITARY GLAND	SEMINAL VESICLE
THYMUS	THYROID GLAND	VENTRAL PROSTATE	

---

**NOT COLLECTED**

SPLEEN

---

**OBSERVATIONS**

---

EPIDIDYMIS	DUCT	EXFOLIATED GERM CELL	MINIMAL
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
TESTIS	GERMINAL EPITHELIUM	DEGENERATION	MILD

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 2029	<b>TRT#:</b> F1-4	<b>DOSE:</b> 10000 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND222
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c Parental Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 11057

---

**TISSUE STATUS**

**No Visible Lesions**

---

ADRENAL GLAND	COAGULATING GLAND	COWPERS GLAND	DORSAL PROSTATE
EPIDIDYMIS	LEVATOR ANI PLUS BULBOCAVERNOSUS MUSCLE	PITUITARY GLAND	SEMINAL VESICLE
THYROID GLAND	VENTRAL PROSTATE		

---

**NOT COLLECTED**

SPLEEN

---

**OBSERVATIONS**

---

KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER		INFLAMMATION	FOCAL, MINIMAL
TESTIS	GERMINAL EPITHELIUM	DEGENERATION	MINIMAL
THYMUS		HYPERPLASIA	EPITHELIAL, MINIMAL

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 2031	<b>TRT#:</b> F1-4	<b>DOSE:</b> 10000 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND222
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c Parental Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 11058

---

**TISSUE STATUS**

**No Visible Lesions**

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ADRENAL GLAND	COAGULATING GLAND	COWPERS GLAND	DORSAL PROSTATE
LEVATOR ANI PLUS BULBOCAVERNOSUS MUSCLE	LIVER	PITUITARY GLAND	SEMINAL VESICLE
THYMUS	THYROID GLAND	VENTRAL PROSTATE	

---

**NOT COLLECTED**

SPLEEN

---

**OBSERVATIONS**

---

EPIDIDYMIS	DUCT	EXFOLIATED GERM CELL	MINIMAL
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
TESTIS	GERMINAL EPITHELIUM	DEGENERATION	MINIMAL

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 2041	<b>TRT#:</b> F1-4	<b>DOSE:</b> 10000 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND221
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c Parental Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 11289

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**TISSUE STATUS**

**No Visible Lesions**

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COAGULATING GLAND	COWPERS GLAND	DORSAL PROSTATE	EPIDIDYMIS
LEVATOR ANI PLUS BULBOCAVERNOSUS MUSCLE	LIVER	PITUITARY GLAND	SEMINAL VESICLE
TESTIS	THYMUS	THYROID GLAND	VENTRAL PROSTATE

---

**NOT COLLECTED**

SPLEEN

---

**OBSERVATIONS**

---

ADRENAL GLAND	CORTEX	VACUOLATION	DIFFUSE, MINIMAL
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
	PAPILLA	MINERAL	MINIMAL

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 2043	<b>TRT#:</b> F1-4	<b>DOSE:</b> 10000 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND221
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c Parental Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 11290

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**TISSUE STATUS**

**No Visible Lesions**

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ADRENAL GLAND	COAGULATING GLAND	COWPERS GLAND	DORSAL PROSTATE
EPIDIDYMIS	LEVATOR ANI PLUS BULBOCAVERNOSUS MUSCLE	LIVER	PITUITARY GLAND
SEMINAL VESICLE	TESTIS	THYMUS	THYROID GLAND

---

**NOT COLLECTED**

SPLEEN

---

**OBSERVATIONS**

---

KIDNEY	CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
PREPUTIAL GLAND	INFLAMMATION, SUPPURATIVE	MARKED
[ INFLAMMATION, SUPPURATIVE TGLS = 1-11, 2-11 ]		
VENTRAL PROSTATE	INFILTRATION CELLULAR	LYMPHOCYTE, MINIMAL

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 2045	<b>TRT#:</b> F1-4	<b>DOSE:</b> 10000 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND221
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c Parental Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 11291

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**TISSUE STATUS**

**No Visible Lesions**

---

COAGULATING GLAND	COWPERS GLAND	DORSAL PROSTATE	EPIDIDYMIS
LEVATOR ANI PLUS BULBOCAVERNOSUS MUSCLE	LIVER	PITUITARY GLAND	SEMINAL VESICLE
THYMUS	THYROID GLAND	VENTRAL PROSTATE	

---

**NOT COLLECTED**

SPLEEN

---

**OBSERVATIONS**

---

ADRENAL GLAND	CORTEX	VACUOLATION	FOCAL, MINIMAL
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MILD
PREPUTIAL GLAND		INFLAMMATION, SUPPURATIVE	MARKED
[ INFLAMMATION, SUPPURATIVE TGLS = 1-11 ]			
TESTIS	GERMINAL EPITHELIUM	DEGENERATION	MINIMAL

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 2055	<b>TRT#:</b> F1-4	<b>DOSE:</b> 10000 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND221
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c Parental Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 11310

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**TISSUE STATUS**

**No Visible Lesions**

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ADRENAL GLAND	COAGULATING GLAND	COWPERS GLAND	DORSAL PROSTATE
EPIDIDYMIS	LEVATOR ANI PLUS BULBOCAVERNOSUS MUSCLE	PITUITARY GLAND	SEMINAL VESICLE
THYMUS	THYROID GLAND	VENTRAL PROSTATE	

---

**NOT COLLECTED**

SPLEEN

---

**OBSERVATIONS**

---

KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER	HEPATOCTE	NECROSIS	MODERATE
[ NECROSIS TGLS = 1-3 ]			
TESTIS	GERMINAL EPITHELIUM	DEGENERATION	MINIMAL

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 2057	<b>TRT#:</b> F1-4	<b>DOSE:</b> 10000 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND221
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c Parental Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 11311

---

**TISSUE STATUS**

**No Visible Lesions**

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ADRENAL GLAND	COAGULATING GLAND	COWPERS GLAND	DORSAL PROSTATE
EPIDIDYMIS	LEVATOR ANI PLUS BULBOCAVERNOSUS MUSCLE	PITUITARY GLAND	SEMINAL VESICLE
TESTIS	THYROID GLAND	VENTRAL PROSTATE	

---

**NOT COLLECTED**

SPLEEN

---

**OBSERVATIONS**

---

KIDNEY	CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER	INFLAMMATION	FOCAL, MINIMAL
THYMUS	HYPERPLASIA	EPITHELIAL, MINIMAL

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 2065	<b>TRT#:</b> F1-4	<b>DOSE:</b> 10000 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND221
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c Parental Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 11171

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**TISSUE STATUS**

**No Visible Lesions**

ADRENAL GLAND	COAGULATING GLAND	COWPERS GLAND	DORSAL PROSTATE
LEVATOR ANI PLUS BULBOCAVERNOSUS MUSCLE	LIVER	PITUITARY GLAND	SEMINAL VESICLE
THYMUS	THYROID GLAND	VENTRAL PROSTATE	

---

**NOT COLLECTED**

SPLEEN

---

**OBSERVATIONS**

EPIDIDYMIS	DUCT	EXFOLIATED GERM CELL HYOSPERMIA	MILD MILD
[ HYOSPERMIA TGLS = 1-11 ]			
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
PREPUTIAL GLAND	DUCT	DILATION	MILD
[ DILATION TGLS = 2-12 ]			
TESTIS	GERMINAL EPITHELIUM	DEGENERATION	MILD
[ DEGENERATION TGLS = 3-11 ]			

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 2067	<b>TRT#:</b> F1-4	<b>DOSE:</b> 10000 ppm	<b>SEX:</b> Male	<b>REMOVAL DAY:</b> PND221
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c Parental Males		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 11173

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**TISSUE STATUS**

**No Visible Lesions**

ADRENAL GLAND	COAGULATING GLAND	COWPERS GLAND	DORSAL PROSTATE
LEVATOR ANI PLUS BULBOCAVERNOSUS MUSCLE	LIVER	PITUITARY GLAND	SEMINAL VESICLE
THYMUS	THYROID GLAND	VENTRAL PROSTATE	

---

**MISSING**

TESTIS

---

**NOT COLLECTED**

SPLEEN

---

**OBSERVATIONS**

EPIDIDYMIS		HYPOPLASIA	MODERATE
		HYOSPERMIA	MARKED
[ HYPOPLASIA TGLS = 1-11 ]			
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
TESTIS		NO MICROSCOPIC FINDING RECORDED	
Tissue Note: MISSING			
[ NO MICROSCOPIC FINDING RECORDED TGLS = 2-11 ]			

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 1004	<b>TRT#:</b> F1-1	<b>DOSE:</b> 0 ppm	<b>SEX:</b> Female	<b>REMOVAL DAY:</b> PND90
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c NonParent Female		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 10628

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**TISSUE STATUS**

**No Visible Lesions**

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ADRENAL GLAND	CERVIX	LIVER	MAMMARY GLAND
OVARY	SPLEEN	THYMUS	THYROID GLAND
UTERUS	VAGINA		

---

**OBSERVATIONS**

---

KIDNEY	CORTICOMEDULLARY JUNCTION	MINERAL	MINIMAL
PITUITARY GLAND	PARS DISTALIS	CYST	

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 1012	<b>TRT#:</b> F1-1	<b>DOSE:</b> 0 ppm	<b>SEX:</b> Female	<b>REMOVAL DAY:</b> PND90
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c NonParent Female		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 10638

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**TISSUE STATUS**

**No Visible Lesions**

---

ADRENAL GLAND	CERVIX	LIVER	MAMMARY GLAND
OVARY	PITUITARY GLAND	SPLEEN	THYMUS
THYROID GLAND	VAGINA		

---

**OBSERVATIONS**

---

KIDNEY	CORTICOMEDULLARY JUNCTION	MINERAL	MINIMAL
UTERUS		DILATION	MILD

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 1014	<b>TRT#:</b> F1-1	<b>DOSE:</b> 0 ppm	<b>SEX:</b> Female	<b>REMOVAL DAY:</b> PND90
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c NonParent Female		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 10639

---

**TISSUE STATUS**

**No Visible Lesions**

---

ADRENAL GLAND	CERVIX	LIVER	MAMMARY GLAND
OVARY	PITUITARY GLAND	SPLEEN	THYMUS
THYROID GLAND	UTERUS	VAGINA	

---

**OBSERVATIONS**

---

KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
	CORTICOMEDULLARY JUNCTION	MINERAL	MILD

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 1020	<b>TRT#:</b> F1-1	<b>DOSE:</b> 0 ppm	<b>SEX:</b> Female	<b>REMOVAL DAY:</b> PND90
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c NonParent Female		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 10647

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**TISSUE STATUS**

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**No Visible Lesions**

ADRENAL GLAND	CERVIX	MAMMARY GLAND	PITUITARY GLAND
SPLEEN	THYMUS	THYROID GLAND	UTERUS
VAGINA			

---

**OBSERVATIONS**

KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
	CORTICOMEDULLARY JUNCTION	MINERAL	MINIMAL
LIVER		INFLAMMATION	FOCAL, MINIMAL
OVARY	CORPUS LUTEUM	CYST	

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**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

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<b>ANIMAL ID:</b> 1026	<b>TRT#:</b> F1-1	<b>DOSE:</b> 0 ppm	<b>SEX:</b> Female	<b>REMOVAL DAY:</b> PND90
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c NonParent Female		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 10560

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**TISSUE STATUS**

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**No Visible Lesions**

ADRENAL GLAND	CERVIX	LIVER	MAMMARY GLAND
OVARY	PITUITARY GLAND	SPLEEN	THYMUS
THYROID GLAND	UTERUS	VAGINA	

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**OBSERVATIONS**

KIDNEY	CORTICOMEDULLARY JUNCTION	MINERAL	MINIMAL
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**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

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<b>ANIMAL ID:</b> 1036	<b>TRT#:</b> F1-1	<b>DOSE:</b> 0 ppm	<b>SEX:</b> Female	<b>REMOVAL DAY:</b> PND90
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c NonParent Female		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 10845

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**TISSUE STATUS**

**No Visible Lesions**

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ADRENAL GLAND	CERVIX	KIDNEY	LIVER
OVARY	PITUITARY GLAND	SPLEEN	THYMUS
THYROID GLAND	UTERUS	VAGINA	

---

**OBSERVATIONS**

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MAMMARY GLAND	ACINUS	HYPERPLASIA	MINIMAL
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**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 1038	<b>TRT#:</b> F1-1	<b>DOSE:</b> 0 ppm	<b>SEX:</b> Female	<b>REMOVAL DAY:</b> PND90
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c NonParent Female		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 10846

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**TISSUE STATUS**

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**No Visible Lesions**

ADRENAL GLAND	CERVIX	LIVER	MAMMARY GLAND
OVARY	PITUITARY GLAND	SPLEEN	THYMUS
THYROID GLAND	UTERUS	VAGINA	

---

**OBSERVATIONS**

KIDNEY	CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
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**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

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<b>ANIMAL ID:</b> 1044	<b>TRT#:</b> F1-1	<b>DOSE:</b> 0 ppm	<b>SEX:</b> Female	<b>REMOVAL DAY:</b> PND90
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c NonParent Female		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 10721

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**TISSUE STATUS**

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**No Visible Lesions**

ADRENAL GLAND	CERVIX	LIVER	OVARY
PITUITARY GLAND	SPLEEN	THYMUS	THYROID GLAND
UTERUS	VAGINA		

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**OBSERVATIONS**

KIDNEY		INFARCT	MINIMAL
MAMMARY GLAND	ACINUS	HYPERPLASIA	MINIMAL

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

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<b>ANIMAL ID:</b> 1052	<b>TRT#:</b> F1-1	<b>DOSE:</b> 0 ppm	<b>SEX:</b> Female	<b>REMOVAL DAY:</b> PND90
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c NonParent Female		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 10687

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**TISSUE STATUS**

**No Visible Lesions**

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ADRENAL GLAND	CERVIX	LIVER	MAMMARY GLAND
OVARY	PITUITARY GLAND	SPLEEN	THYMUS
THYROID GLAND	UTERUS	VAGINA	

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**OBSERVATIONS**

---

KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
	CORTICOMEDULLARY JUNCTION	MINERAL	MINIMAL

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 1054	<b>TRT#:</b> F1-1	<b>DOSE:</b> 0 ppm	<b>SEX:</b> Female	<b>REMOVAL DAY:</b> PND90
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c NonParent Female		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 10688

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**TISSUE STATUS**

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**No Visible Lesions**

ADRENAL GLAND	CERVIX	LIVER	MAMMARY GLAND
OVARY	PITUITARY GLAND	SPLEEN	THYMUS
THYROID GLAND	UTERUS	VAGINA	

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**OBSERVATIONS**

KIDNEY	CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
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**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

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<b>ANIMAL ID:</b> 1056	<b>TRT#:</b> F1-1	<b>DOSE:</b> 0 ppm	<b>SEX:</b> Female	<b>REMOVAL DAY:</b> PND90
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c NonParent Female		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 10689

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**TISSUE STATUS**

**No Visible Lesions**

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ADRENAL GLAND	CERVIX	LIVER	MAMMARY GLAND
OVARY	PITUITARY GLAND	SPLEEN	THYMUS
THYROID GLAND	UTERUS	VAGINA	

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**OBSERVATIONS**

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KIDNEY	CORTICOMEDULLARY JUNCTION	MINERAL	MINIMAL
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**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

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<b>ANIMAL ID:</b> 1066	<b>TRT#:</b> F1-1	<b>DOSE:</b> 0 ppm	<b>SEX:</b> Female	<b>REMOVAL DAY:</b> PND90
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c NonParent Female		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 10989

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**TISSUE STATUS**

**No Visible Lesions**

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ADRENAL GLAND	CERVIX	LIVER	MAMMARY GLAND
OVARY	PITUITARY GLAND	SPLEEN	THYMUS
THYROID GLAND	UTERUS	VAGINA	

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**OBSERVATIONS**

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KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
	CORTICOMEDULLARY JUNCTION	MINERAL	MINIMAL

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 1074	<b>TRT#:</b> F1-1	<b>DOSE:</b> 0 ppm	<b>SEX:</b> Female	<b>REMOVAL DAY:</b> PND90
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c NonParent Female		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 10953

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**TISSUE STATUS**

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**No Visible Lesions**

ADRENAL GLAND	CERVIX	MAMMARY GLAND	OVARY
PITUITARY GLAND	SPLEEN	THYMUS	THYROID GLAND
UTERUS	VAGINA		

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**OBSERVATIONS**

KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
	CORTICOMEDULLARY JUNCTION	MINERAL	MINIMAL
LIVER		INFLAMMATION	FOCAL, MINIMAL

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 1076	<b>TRT#:</b> F1-1	<b>DOSE:</b> 0 ppm	<b>SEX:</b> Female	<b>REMOVAL DAY:</b> PND90
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c NonParent Female		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 10954

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**TISSUE STATUS**

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**No Visible Lesions**

ADRENAL GLAND	CERVIX	LIVER	MAMMARY GLAND
OVARY	PITUITARY GLAND	SPLEEN	THYMUS
THYROID GLAND	UTERUS	VAGINA	

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**OBSERVATIONS**

KIDNEY	CORTICOMEDULLARY JUNCTION	MINERAL	MINIMAL
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**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 1078	<b>TRT#:</b> F1-1	<b>DOSE:</b> 0 ppm	<b>SEX:</b> Female	<b>REMOVAL DAY:</b> PND90
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c NonParent Female		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 10955

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**TISSUE STATUS**

**No Visible Lesions**

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ADRENAL GLAND	CERVIX	LIVER	MAMMARY GLAND
OVARY	PITUITARY GLAND	SPLEEN	THYMUS
THYROID GLAND	UTERUS	VAGINA	

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**OBSERVATIONS**

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KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
	CORTICOMEDULLARY JUNCTION	MINERAL	MINIMAL

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

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<b>ANIMAL ID:</b> 1084	<b>TRT#:</b> F1-1	<b>DOSE:</b> 0 ppm	<b>SEX:</b> Female	<b>REMOVAL DAY:</b> PND92
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c NonParent Female		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 11205

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**TISSUE STATUS**

**No Visible Lesions**

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ADRENAL GLAND	CERVIX	LIVER	MAMMARY GLAND
OVARY	PITUITARY GLAND	SPLEEN	THYMUS
THYROID GLAND	UTERUS	VAGINA	

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**OBSERVATIONS**

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KIDNEY	CORTICOMEDULLARY JUNCTION	MINERAL	MINIMAL
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**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 1094	<b>TRT#:</b> F1-1	<b>DOSE:</b> 0 ppm	<b>SEX:</b> Female	<b>REMOVAL DAY:</b> PND92
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c NonParent Female		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 11420

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**TISSUE STATUS**

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**No Visible Lesions**

ADRENAL GLAND	CERVIX	KIDNEY	LIVER
MAMMARY GLAND	OVARY	PITUITARY GLAND	SPLEEN
THYMUS	THYROID GLAND	UTERUS	VAGINA

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 1100	<b>TRT#:</b> F1-1	<b>DOSE:</b> 0 ppm	<b>SEX:</b> Female	<b>REMOVAL DAY:</b> PND92
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c NonParent Female		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 11247

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**TISSUE STATUS**

**No Visible Lesions**

ADRENAL GLAND	CERVIX	KIDNEY	LIVER
MAMMARY GLAND	OVARY	SPLEEN	THYMUS
THYROID GLAND	VAGINA		

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**OBSERVATIONS**

PITUITARY GLAND	PARS DISTALIS	CYST	
UTERUS		DILATION	MINIMAL

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**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 1102	<b>TRT#:</b> F1-1	<b>DOSE:</b> 0 ppm	<b>SEX:</b> Female	<b>REMOVAL DAY:</b> PND92
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c NonParent Female		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 11248

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**TISSUE STATUS**

**No Visible Lesions**

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ADRENAL GLAND	CERVIX	LIVER	MAMMARY GLAND
OVARY	PITUITARY GLAND	SPLEEN	THYMUS
THYROID GLAND	UTERUS	VAGINA	

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**OBSERVATIONS**

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KIDNEY	CORTICOMEDULLARY JUNCTION	MINERAL	MINIMAL
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**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

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<b>ANIMAL ID:</b> 1104	<b>TRT#:</b> F1-1	<b>DOSE:</b> 0 ppm	<b>SEX:</b> Female	<b>REMOVAL DAY:</b> PND92
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c NonParent Female		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 11250

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**TISSUE STATUS**

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**No Visible Lesions**

ADRENAL GLAND	CERVIX	KIDNEY	LIVER
MAMMARY GLAND	MESENTERY	OVARY	PITUITARY GLAND
SPLEEN	THYMUS	THYROID GLAND	UTERUS
VAGINA			

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**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

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<b>ANIMAL ID:</b> 1110	<b>TRT#:</b> F1-1	<b>DOSE:</b> 0 ppm	<b>SEX:</b> Female	<b>REMOVAL DAY:</b> PND92
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c NonParent Female		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 11237

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**TISSUE STATUS**

**No Visible Lesions**

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ADRENAL GLAND	CERVIX	LIVER	MAMMARY GLAND
MESENTERY	OVARY	PITUITARY GLAND	SPLEEN
THYMUS	THYROID GLAND	VAGINA	

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**OBSERVATIONS**

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KIDNEY	CORTICOMEDULLARY JUNCTION	MINERAL	MILD
UTERUS	CERVIX	CYST	SQUAMOUS

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**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

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<b>ANIMAL ID:</b> 1112	<b>TRT#:</b> F1-1	<b>DOSE:</b> 0 ppm	<b>SEX:</b> Female	<b>REMOVAL DAY:</b> PND92
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c NonParent Female		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 11238

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**TISSUE STATUS**

**No Visible Lesions**

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ADRENAL GLAND	CERVIX	LIVER	MAMMARY GLAND
OVARY	PITUITARY GLAND	SPLEEN	THYMUS
THYROID GLAND	UTERUS	VAGINA	

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**OBSERVATIONS**

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KIDNEY	CORTICOMEDULLARY JUNCTION	MINERAL	MINIMAL
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**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

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<b>ANIMAL ID:</b> 1114	<b>TRT#:</b> F1-1	<b>DOSE:</b> 0 ppm	<b>SEX:</b> Female	<b>REMOVAL DAY:</b> PND92
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c NonParent Female		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 11239

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**TISSUE STATUS**

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**No Visible Lesions**

ADRENAL GLAND	CERVIX	LIVER	MAMMARY GLAND
OVARY	PITUITARY GLAND	SPLEEN	THYMUS
THYROID GLAND	UTERUS	VAGINA	

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**OBSERVATIONS**

KIDNEY	CORTICOMEDULLARY JUNCTION	MINERAL	MINIMAL
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**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

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<b>ANIMAL ID:</b> 1122	<b>TRT#:</b> F1-1	<b>DOSE:</b> 0 ppm	<b>SEX:</b> Female	<b>REMOVAL DAY:</b> PND92
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c NonParent Female		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 11225

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**TISSUE STATUS**

**No Visible Lesions**

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ADRENAL GLAND	CERVIX	LIVER	MAMMARY GLAND
OVARY	PITUITARY GLAND	SPLEEN	THYMUS
THYROID GLAND	VAGINA		

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**OBSERVATIONS**

KIDNEY	CORTICOMEDULLARY JUNCTION	MINERAL	MINIMAL
UTERUS		NO MICROSCOPIC CORRELATION	

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[ NO MICROSCOPIC CORRELATION TGLS = 1-7 ]

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**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 1124	<b>TRT#:</b> F1-1	<b>DOSE:</b> 0 ppm	<b>SEX:</b> Female	<b>REMOVAL DAY:</b> PND92
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c NonParent Female		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 11226

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**TISSUE STATUS**

**No Visible Lesions**

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ADRENAL GLAND	CERVIX	LIVER	MAMMARY GLAND
OVARY	PITUITARY GLAND	SPLEEN	THYMUS
THYROID GLAND	UTERUS	VAGINA	

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**OBSERVATIONS**

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KIDNEY	CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
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**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

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<b>ANIMAL ID:</b> 1126	<b>TRT#:</b> F1-1	<b>DOSE:</b> 0 ppm	<b>SEX:</b> Female	<b>REMOVAL DAY:</b> PND92
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c NonParent Female		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 11227

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**TISSUE STATUS**

**No Visible Lesions**

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ADRENAL GLAND	CERVIX	LIVER	MAMMARY GLAND
OVARY	PITUITARY GLAND	SPLEEN	THYROID GLAND
UTERUS	VAGINA		

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**OBSERVATIONS**

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KIDNEY	CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
THYMUS	HYPERPLASIA	EPITHELIAL, MINIMAL

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

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<b>ANIMAL ID:</b> 1134	<b>TRT#:</b> F1-1	<b>DOSE:</b> 0 ppm	<b>SEX:</b> Female	<b>REMOVAL DAY:</b> PND90
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c NonParent Female		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 11474

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**TISSUE STATUS**

**No Visible Lesions**

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ADRENAL GLAND	CERVIX	LIVER	OVARY
PITUITARY GLAND	SPLEEN	THYMUS	THYROID GLAND
UTERUS	VAGINA		

---

**OBSERVATIONS**

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KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
	CORTICOMEDULLARY JUNCTION	MINERAL	MINIMAL
MAMMARY GLAND	ACINUS	HYPERPLASIA	MINIMAL

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

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<b>ANIMAL ID:</b> 1136	<b>TRT#:</b> F1-1	<b>DOSE:</b> 0 ppm	<b>SEX:</b> Female	<b>REMOVAL DAY:</b> PND90
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c NonParent Female		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 11475

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**TISSUE STATUS**

**No Visible Lesions**

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ADRENAL GLAND	CERVIX	LIVER	MAMMARY GLAND
OVARY	PITUITARY GLAND	SPLEEN	THYMUS
THYROID GLAND	UTERUS	VAGINA	

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**OBSERVATIONS**

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KIDNEY	CORTICOMEDULLARY JUNCTION	MINERAL	MINIMAL
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**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

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<b>ANIMAL ID:</b> 1368	<b>TRT#:</b> F1-2	<b>DOSE:</b> 1000 ppm	<b>SEX:</b> Female	<b>REMOVAL DAY:</b> PND92
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c NonParent Female		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 11097

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**OBSERVATIONS**

DIGIT DEVELOPMENTAL MALFORMATION  
[ DEVELOPMENTAL MALFORMATION TGLS = 1-11 ]

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**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

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<b>ANIMAL ID:</b> 1380	<b>TRT#:</b> F1-2	<b>DOSE:</b> 1000 ppm	<b>SEX:</b> Female	<b>REMOVAL DAY:</b> PND92
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c NonParent Female		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 11047

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**OBSERVATIONS**

PAW

NO MICROSCOPIC CORRELATION

[ NO MICROSCOPIC CORRELATION TGLS = 1-11 ]

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**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

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<b>ANIMAL ID:</b> 1382	<b>TRT#:</b> F1-2	<b>DOSE:</b> 1000 ppm	<b>SEX:</b> Female	<b>REMOVAL DAY:</b> PND92
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c NonParent Female		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 11048

---

**OBSERVATIONS**

PAW

NO MICROSCOPIC CORRELATION

[ NO MICROSCOPIC CORRELATION TGLS = 1-11 ]

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**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

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<b>ANIMAL ID:</b> 1400	<b>TRT#:</b> F1-2	<b>DOSE:</b> 1000 ppm	<b>SEX:</b> Female	<b>REMOVAL DAY:</b> PND92
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c NonParent Female		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 11284

---

**OBSERVATIONS**

MESENTERY	FAT	NECROSIS	MILD
[ NECROSIS TGLS = 1-11 ]			
UTERUS		CYST	
[ CYST TGLS = 2-7 ]			

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 1444	<b>TRT#:</b> F1-2	<b>DOSE:</b> 1000 ppm	<b>SEX:</b> Female	<b>REMOVAL DAY:</b> PND91
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c NonParent Female		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 11410

---

**OBSERVATIONS**

KIDNEY NO MICROSCOPIC CORRELATION

[ NO MICROSCOPIC CORRELATION TGLS = 1-2 ]

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**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

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<b>ANIMAL ID:</b> 1718	<b>TRT#:</b> F1-3	<b>DOSE:</b> 5000 ppm	<b>SEX:</b> Female	<b>REMOVAL DAY:</b> PND90
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c NonParent Female		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 10925

---

**OBSERVATIONS**

ADRENAL GLAND [ POLYARTERITIS NODOSA TGLS = 1-1 ]	POLYARTERITIS NODOSA	MILD
SPLEEN [ EXTRAMEDULLARY HEMATOPOIESIS TGLS = 2-3 ]	EXTRAMEDULLARY HEMATOPOIESIS	MILD

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 1738	<b>TRT#:</b> F1-3	<b>DOSE:</b> 5000 ppm	<b>SEX:</b> Female	<b>REMOVAL DAY:</b> PND92
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c NonParent Female		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 11146

---

**OBSERVATIONS**

KIDNEY	PELVIS	DILATION	MINIMAL
[ DILATION TGLS = 1-2 ]			

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**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

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<b>ANIMAL ID:</b> 1906	<b>TRT#:</b> F1-4	<b>DOSE:</b> 10000 ppm	<b>SEX:</b> Female	<b>REMOVAL DAY:</b> PND90
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c NonParent Female		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 10542

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**TISSUE STATUS**

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**No Visible Lesions**

ADRENAL GLAND	CERVIX	MAMMARY GLAND	OVARY
PITUITARY GLAND	SPLEEN	THYMUS	THYROID GLAND
UTERUS	VAGINA		

---

**OBSERVATIONS**

KIDNEY	CORTICOMEDULLARY JUNCTION	MINERAL	MINIMAL
LIVER		INFLAMMATION	FOCAL, MINIMAL

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 1908	<b>TRT#:</b> F1-4	<b>DOSE:</b> 10000 ppm	<b>SEX:</b> Female	<b>REMOVAL DAY:</b> PND90
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c NonParent Female		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 10543

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**TISSUE STATUS**

**No Visible Lesions**

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ADRENAL GLAND	CERVIX	LIVER	MAMMARY GLAND
OVARY	PITUITARY GLAND	SPLEEN	THYMUS
THYROID GLAND	UTERUS	VAGINA	

---

**OBSERVATIONS**

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KIDNEY	CORTICOMEDULLARY JUNCTION	MINERAL	MINIMAL
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**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 1910	<b>TRT#:</b> F1-4	<b>DOSE:</b> 10000 ppm	<b>SEX:</b> Female	<b>REMOVAL DAY:</b> PND90
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c NonParent Female		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 10544

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**TISSUE STATUS**

**No Visible Lesions**

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ADRENAL GLAND	CERVIX	LIVER	MAMMARY GLAND
OVARY	PITUITARY GLAND	SPLEEN	THYMUS
THYROID GLAND	UTERUS	VAGINA	

---

**OBSERVATIONS**

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KIDNEY	CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
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**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 1918	<b>TRT#:</b> F1-4	<b>DOSE:</b> 10000 ppm	<b>SEX:</b> Female	<b>REMOVAL DAY:</b> PND90
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c NonParent Female		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 10509

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**TISSUE STATUS**

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**No Visible Lesions**

ADRENAL GLAND	CERVIX	LIVER	MAMMARY GLAND
OVARY	PITUITARY GLAND	SPLEEN	THYMUS
THYROID GLAND	VAGINA		

---

**OBSERVATIONS**

KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
	CORTICOMEDULLARY JUNCTION	MINERAL	MINIMAL
UTERUS		DILATION	MILD

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

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<b>ANIMAL ID:</b> 1920	<b>TRT#:</b> F1-4	<b>DOSE:</b> 10000 ppm	<b>SEX:</b> Female	<b>REMOVAL DAY:</b> PND90
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c NonParent Female		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 10510

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**TISSUE STATUS**

**No Visible Lesions**

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ADRENAL GLAND	CERVIX	LIVER	MAMMARY GLAND
OVARY	PITUITARY GLAND	SPLEEN	THYMUS
THYROID GLAND	UTERUS	VAGINA	

---

**OBSERVATIONS**

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KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
	CORTICOMEDULLARY JUNCTION	MINERAL	MINIMAL

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

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<b>ANIMAL ID:</b> 1928	<b>TRT#:</b> F1-4	<b>DOSE:</b> 10000 ppm	<b>SEX:</b> Female	<b>REMOVAL DAY:</b> PND90
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c NonParent Female		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 10617

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**TISSUE STATUS**

**No Visible Lesions**

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ADRENAL GLAND	CERVIX	MAMMARY GLAND	OVARY
PITUITARY GLAND	SPLEEN	THYMUS	THYROID GLAND
UTERUS	VAGINA		

---

**OBSERVATIONS**

---

KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
	CORTICOMEDULLARY JUNCTION	MINERAL	MINIMAL
LIVER		INFLAMMATION	FOCAL, MINIMAL

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

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<b>ANIMAL ID:</b> 1930	<b>TRT#:</b> F1-4	<b>DOSE:</b> 10000 ppm	<b>SEX:</b> Female	<b>REMOVAL DAY:</b> PND90
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c NonParent Female		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 10618

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**TISSUE STATUS**

**No Visible Lesions**

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ADRENAL GLAND	CERVIX	LIVER	MAMMARY GLAND
OVARY	PITUITARY GLAND	SPLEEN	THYROID GLAND
UTERUS	VAGINA		

---

**OBSERVATIONS**

---

KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
	CORTICOMEDULLARY JUNCTION	MINERAL	MINIMAL
THYMUS		HYPERPLASIA	EPITHELIAL, MINIMAL

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

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<b>ANIMAL ID:</b> 1940	<b>TRT#:</b> F1-4	<b>DOSE:</b> 10000 ppm	<b>SEX:</b> Female	<b>REMOVAL DAY:</b> PND90
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c NonParent Female		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 10798

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**TISSUE STATUS**

**No Visible Lesions**

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ADRENAL GLAND	CERVIX	LIVER	MAMMARY GLAND
OVARY	PITUITARY GLAND	SPLEEN	THYMUS
THYROID GLAND	UTERUS	VAGINA	

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**OBSERVATIONS**

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KIDNEY	CORTICOMEDULLARY JUNCTION	MINERAL	MINIMAL
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**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

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<b>ANIMAL ID:</b> 1942	<b>TRT#:</b> F1-4	<b>DOSE:</b> 10000 ppm	<b>SEX:</b> Female	<b>REMOVAL DAY:</b> PND90
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c NonParent Female		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 10799

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**TISSUE STATUS**

**No Visible Lesions**

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ADRENAL GLAND	CERVIX	LIVER	MAMMARY GLAND
OVARY	PITUITARY GLAND	SPLEEN	THYMUS
THYROID GLAND	UTERUS	VAGINA	

---

**OBSERVATIONS**

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KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
	CORTICOMEDULLARY JUNCTION	MINERAL	MINIMAL
		NEPHROBLASTOMA	

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 1944	<b>TRT#:</b> F1-4	<b>DOSE:</b> 10000 ppm	<b>SEX:</b> Female	<b>REMOVAL DAY:</b> PND90
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c NonParent Female		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 10801

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**TISSUE STATUS**

**No Visible Lesions**

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ADRENAL GLAND	CERVIX	LIVER	MAMMARY GLAND
OVARY	PITUITARY GLAND	SPLEEN	THYMUS
THYROID GLAND	UTERUS	VAGINA	

---

**OBSERVATIONS**

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KIDNEY	CORTICOMEDULLARY JUNCTION	MINERAL	MINIMAL
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**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

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<b>ANIMAL ID:</b> 1952	<b>TRT#:</b> F1-4	<b>DOSE:</b> 10000 ppm	<b>SEX:</b> Female	<b>REMOVAL DAY:</b> PND90
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c NonParent Female		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 10701

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**TISSUE STATUS**

**No Visible Lesions**

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ADRENAL GLAND	CERVIX	LIVER	MAMMARY GLAND
PITUITARY GLAND	SPLEEN	THYMUS	THYROID GLAND
UTERUS	VAGINA		

---

**OBSERVATIONS**

---

KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
OVARY	INTERSTITIAL CELL	HYPERPLASIA	MINIMAL

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

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<b>ANIMAL ID:</b> 1954	<b>TRT#:</b> F1-4	<b>DOSE:</b> 10000 ppm	<b>SEX:</b> Female	<b>REMOVAL DAY:</b> PND90
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c NonParent Female		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 10702

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**TISSUE STATUS**

**No Visible Lesions**

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ADRENAL GLAND	CERVIX	KIDNEY	LIVER
OVARY	PITUITARY GLAND	SPLEEN	THYMUS
THYROID GLAND	UTERUS	VAGINA	

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**OBSERVATIONS**

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MAMMARY GLAND	ACINUS	HYPERPLASIA	MINIMAL
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**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

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<b>ANIMAL ID:</b> 1956	<b>TRT#:</b> F1-4	<b>DOSE:</b> 10000 ppm	<b>SEX:</b> Female	<b>REMOVAL DAY:</b> PND90
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c NonParent Female		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 10703

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**TISSUE STATUS**

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**No Visible Lesions**

ADRENAL GLAND	CERVIX	LIVER	OVARY
PITUITARY GLAND	SPLEEN	THYMUS	THYROID GLAND
VAGINA			

---

**OBSERVATIONS**

KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
MAMMARY GLAND	ACINUS	HYPERPLASIA	MINIMAL
UTERUS	ENDOMETRIUM	HYPERPLASIA	CYSTIC, MINIMAL

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

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<b>ANIMAL ID:</b> 1966	<b>TRT#:</b> F1-4	<b>DOSE:</b> 10000 ppm	<b>SEX:</b> Female	<b>REMOVAL DAY:</b> PND90
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c NonParent Female		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 11024

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**TISSUE STATUS**

**No Visible Lesions**

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ADRENAL GLAND	CERVIX	LIVER	MAMMARY GLAND
OVARY	PITUITARY GLAND	SPLEEN	THYMUS
THYROID GLAND	UTERUS	VAGINA	

---

**OBSERVATIONS**

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KIDNEY	CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
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**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 1968	<b>TRT#:</b> F1-4	<b>DOSE:</b> 10000 ppm	<b>SEX:</b> Female	<b>REMOVAL DAY:</b> PND90
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c NonParent Female		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 11025

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**TISSUE STATUS**

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**No Visible Lesions**

ADRENAL GLAND	CERVIX	KIDNEY	LIVER
MAMMARY GLAND	OVARY	PITUITARY GLAND	SPLEEN
THYMUS	THYROID GLAND	VAGINA	

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**OBSERVATIONS**

UTERUS	ENDOMETRIUM	HYPERPLASIA	CYSTIC, MINIMAL
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**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 1978	<b>TRT#:</b> F1-4	<b>DOSE:</b> 10000 ppm	<b>SEX:</b> Female	<b>REMOVAL DAY:</b> PND90
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c NonParent Female		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 10972

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**TISSUE STATUS**

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**No Visible Lesions**

ADRENAL GLAND	CERVIX	OVARY	PITUITARY GLAND
SPLEEN	THYMUS	THYROID GLAND	UTERUS
VAGINA			

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**OBSERVATIONS**

KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER		MINERAL	FOCAL, MINIMAL
MAMMARY GLAND	ACINUS	HYPERPLASIA	MINIMAL

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

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<b>ANIMAL ID:</b> 1980	<b>TRT#:</b> F1-4	<b>DOSE:</b> 10000 ppm	<b>SEX:</b> Female	<b>REMOVAL DAY:</b> PND90
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c NonParent Female		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 10973

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**TISSUE STATUS**

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**No Visible Lesions**

ADRENAL GLAND	CERVIX	LIVER	MAMMARY GLAND
OVARY	PITUITARY GLAND	SPLEEN	THYMUS
THYROID GLAND	UTERUS	VAGINA	

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**OBSERVATIONS**

KIDNEY	CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
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**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

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<b>ANIMAL ID:</b> 1986	<b>TRT#:</b> F1-4	<b>DOSE:</b> 10000 ppm	<b>SEX:</b> Female	<b>REMOVAL DAY:</b> PND90
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c NonParent Female		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 10937

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**TISSUE STATUS**

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**No Visible Lesions**

ADRENAL GLAND	CERVIX	LIVER	MAMMARY GLAND
OVARY	PITUITARY GLAND	SPLEEN	THYMUS
THYROID GLAND	UTERUS	VAGINA	

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**OBSERVATIONS**

KIDNEY	CORTICOMEDULLARY JUNCTION	MINERAL	MINIMAL
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**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 1988	<b>TRT#:</b> F1-4	<b>DOSE:</b> 10000 ppm	<b>SEX:</b> Female	<b>REMOVAL DAY:</b> PND90
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c NonParent Female		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 10938

---

**TISSUE STATUS**

**No Visible Lesions**

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ADRENAL GLAND	CERVIX	LIVER	MAMMARY GLAND
OVARY	PITUITARY GLAND	SPLEEN	THYMUS
THYROID GLAND	UTERUS	VAGINA	

---

**OBSERVATIONS**

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KIDNEY	CORTICOMEDULLARY JUNCTION	MINERAL	MINIMAL
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---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 1996	<b>TRT#:</b> F1-4	<b>DOSE:</b> 10000 ppm	<b>SEX:</b> Female	<b>REMOVAL DAY:</b> PND92
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c NonParent Female		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 11080

---

**TISSUE STATUS**

**No Visible Lesions**

---

ADRENAL GLAND	CERVIX	LIVER	MAMMARY GLAND
OVARY	PITUITARY GLAND	SPLEEN	THYMUS
THYROID GLAND	UTERUS	VAGINA	

---

**OBSERVATIONS**

---

KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
	CORTICOMEDULLARY JUNCTION	MINERAL	MINIMAL

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 1998	<b>TRT#:</b> F1-4	<b>DOSE:</b> 10000 ppm	<b>SEX:</b> Female	<b>REMOVAL DAY:</b> PND92
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c NonParent Female		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 11082

---

**TISSUE STATUS**

**No Visible Lesions**

---

ADRENAL GLAND	CERVIX	LIVER	MAMMARY GLAND
OVARY	PITUITARY GLAND	SPLEEN	THYMUS
THYROID GLAND	UTERUS	VAGINA	

---

**OBSERVATIONS**

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DIGIT		DEVELOPMENTAL MALFORMATION	
[ DEVELOPMENTAL MALFORMATION TGLS = 1-11 ]			
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
	CORTICOMEDULLARY JUNCTION	MINERAL	MINIMAL

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 2000	<b>TRT#:</b> F1-4	<b>DOSE:</b> 10000 ppm	<b>SEX:</b> Female	<b>REMOVAL DAY:</b> PND92
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c NonParent Female		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 11083

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**TISSUE STATUS**

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**No Visible Lesions**

ADRENAL GLAND	CERVIX	MAMMARY GLAND	OVARY
PITUITARY GLAND	SPLEEN	THYMUS	THYROID GLAND
VAGINA			

---

**OBSERVATIONS**

KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
	CORTICOMEDULLARY JUNCTION	MINERAL	MINIMAL
LIVER	BILE DUCT	HYPERPLASIA	MINIMAL
UTERUS		DILATION	MINIMAL

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 2006	<b>TRT#:</b> F1-4	<b>DOSE:</b> 10000 ppm	<b>SEX:</b> Female	<b>REMOVAL DAY:</b> PND92
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c NonParent Female		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 11120

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**TISSUE STATUS**

**No Visible Lesions**

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ADRENAL GLAND	CERVIX	MAMMARY GLAND	OVARY
PITUITARY GLAND	SPLEEN	THYMUS	THYROID GLAND
UTERUS	VAGINA		

---

**OBSERVATIONS**

---

KIDNEY	CORTICOMEDULLARY JUNCTION	MINERAL	MINIMAL
	PAPILLA	MINERAL	MINIMAL
LIVER		INFLAMMATION	FOCAL, MINIMAL

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 2008	<b>TRT#:</b> F1-4	<b>DOSE:</b> 10000 ppm	<b>SEX:</b> Female	<b>REMOVAL DAY:</b> PND92
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c NonParent Female		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 11121

---

**TISSUE STATUS**

**No Visible Lesions**

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ADRENAL GLAND	CERVIX	LIVER	OVARY
PITUITARY GLAND	SPLEEN	THYMUS	THYROID GLAND
UTERUS	VAGINA		

---

**OBSERVATIONS**

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KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
MAMMARY GLAND	ACINUS	HYPERPLASIA	MINIMAL

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 2010	<b>TRT#:</b> F1-4	<b>DOSE:</b> 10000 ppm	<b>SEX:</b> Female	<b>REMOVAL DAY:</b> PND92
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c NonParent Female		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 11122

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**TISSUE STATUS**

**No Visible Lesions**

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ADRENAL GLAND	CERVIX	LIVER	MAMMARY GLAND
OVARY	PITUITARY GLAND	SPLEEN	THYMUS
THYROID GLAND	UTERUS	VAGINA	

---

**OBSERVATIONS**

---

KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
	PAPILLA	MINERAL	MINIMAL

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 2022	<b>TRT#:</b> F1-4	<b>DOSE:</b> 10000 ppm	<b>SEX:</b> Female	<b>REMOVAL DAY:</b> PND92
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c NonParent Female		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 11066

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**TISSUE STATUS**

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**No Visible Lesions**

ADRENAL GLAND	CERVIX	KIDNEY	LIVER
MAMMARY GLAND	OVARY	PITUITARY GLAND	SPLEEN
THYMUS	THYROID GLAND	UTERUS	VAGINA

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 2024	<b>TRT#:</b> F1-4	<b>DOSE:</b> 10000 ppm	<b>SEX:</b> Female	<b>REMOVAL DAY:</b> PND92
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c NonParent Female		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 11067

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**TISSUE STATUS**

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**No Visible Lesions**

ADRENAL GLAND	CERVIX	KIDNEY	LIVER
MAMMARY GLAND	OVARY	PITUITARY GLAND	SPLEEN
THYMUS	THYROID GLAND	UTERUS	VAGINA

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 2034	<b>TRT#:</b> F1-4	<b>DOSE:</b> 10000 ppm	<b>SEX:</b> Female	<b>REMOVAL DAY:</b> PND92
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c NonParent Female		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 11317

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**TISSUE STATUS**

**No Visible Lesions**

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ADRENAL GLAND	CERVIX	KIDNEY	LIVER
OVARY	PITUITARY GLAND	SPLEEN	THYMUS
THYROID GLAND	UTERUS	VAGINA	

---

**OBSERVATIONS**

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MAMMARY GLAND	ACINUS	HYPERPLASIA	MILD
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**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 2036	<b>TRT#:</b> F1-4	<b>DOSE:</b> 10000 ppm	<b>SEX:</b> Female	<b>REMOVAL DAY:</b> PND92
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c NonParent Female		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 11318

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**TISSUE STATUS**

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**No Visible Lesions**

ADRENAL GLAND	CERVIX	KIDNEY	MAMMARY GLAND
OVARY	PITUITARY GLAND	SPLEEN	THYMUS
THYROID GLAND	UTERUS	VAGINA	

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**OBSERVATIONS**

LIVER	INFLAMMATION	FOCAL, MINIMAL
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**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 2044	<b>TRT#:</b> F1-4	<b>DOSE:</b> 10000 ppm	<b>SEX:</b> Female	<b>REMOVAL DAY:</b> PND92
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c NonParent Female		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 11183

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**TISSUE STATUS**

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**No Visible Lesions**

ADRENAL GLAND	CERVIX	LIVER	MAMMARY GLAND
OVARY	PITUITARY GLAND	SPLEEN	THYMUS
THYROID GLAND	UTERUS	VAGINA	

---

**OBSERVATIONS**

KIDNEY	CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
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**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 2046	<b>TRT#:</b> F1-4	<b>DOSE:</b> 10000 ppm	<b>SEX:</b> Female	<b>REMOVAL DAY:</b> PND92
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c NonParent Female		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 11184

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**TISSUE STATUS**

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**No Visible Lesions**

ADRENAL GLAND	CERVIX	LIVER	MAMMARY GLAND
OVARY	PITUITARY GLAND	SPLEEN	THYMUS
THYROID GLAND	UTERUS	VAGINA	

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**OBSERVATIONS**

KIDNEY	CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
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**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 2048	<b>TRT#:</b> F1-4	<b>DOSE:</b> 10000 ppm	<b>SEX:</b> Female	<b>REMOVAL DAY:</b> PND92
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c NonParent Female		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 11185

---

**TISSUE STATUS**

**No Visible Lesions**

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ADRENAL GLAND	CERVIX	LIVER	MAMMARY GLAND
OVARY	PITUITARY GLAND	SPLEEN	THYMUS
THYROID GLAND	UTERUS	VAGINA	

---

**OBSERVATIONS**

---

KIDNEY	CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
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---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 1000	<b>TRT#:</b> F1-1	<b>DOSE:</b> 0 ppm	<b>SEX:</b> Female	<b>REMOVAL DAY:</b> PND237
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c Parental Females		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 10626

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**TISSUE STATUS**

**No Visible Lesions**

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ADRENAL GLAND	CERVIX	MAMMARY GLAND	OVARY
PITUITARY GLAND	SPLEEN	THYMUS	THYROID GLAND
UTERUS	VAGINA		

---

**OBSERVATIONS**

---

KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
	CORTICOMEDULLARY JUNCTION	MINERAL	MINIMAL
LIVER		INFLAMMATION	FOCAL, MINIMAL

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 1002	<b>TRT#:</b> F1-1	<b>DOSE:</b> 0 ppm	<b>SEX:</b> Female	<b>REMOVAL DAY:</b> LD21
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c Parental Females		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 10627

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**TISSUE STATUS**

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**No Visible Lesions**

ADRENAL GLAND	CERVIX	LIVER	MAMMARY GLAND
OVARY	PITUITARY GLAND	SPLEEN	THYROID GLAND
UTERUS	VAGINA		

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**OBSERVATIONS**

CLITORAL GLAND	DUCT	DILATION	MILD
[ DILATION TGLS = 1-11, 2-11 ]			
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
THYMUS		ATROPHY	MINIMAL

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 1006	<b>TRT#:</b> F1-1	<b>DOSE:</b> 0 ppm	<b>SEX:</b> Female	<b>REMOVAL DAY:</b> LD21
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c Parental Females		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 10635

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**TISSUE STATUS**

**No Visible Lesions**

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ADRENAL GLAND	CERVIX	LIVER	MAMMARY GLAND
OVARY	PITUITARY GLAND	SPLEEN	THYROID GLAND
UTERUS	VAGINA		

---

**OBSERVATIONS**

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KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
	CORTICOMEDULLARY JUNCTION	MINERAL	MINIMAL
THYMUS		ATROPHY	MINIMAL

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 1008	<b>TRT#:</b> F1-1	<b>DOSE:</b> 0 ppm	<b>SEX:</b> Female	<b>REMOVAL DAY:</b> LD21
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c Parental Females		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 10636

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**TISSUE STATUS**

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**No Visible Lesions**

CERVIX	LIVER	MAMMARY GLAND	OVARY
SPLEEN	THYMUS	THYROID GLAND	UTERUS
VAGINA			

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**OBSERVATIONS**

ADRENAL GLAND		PHEOCHROMOCYTOMA	BENIGN
KIDNEY	CORTICOMEDULLARY JUNCTION	MINERAL	MINIMAL
PITUITARY GLAND	PARS DISTALIS	CYST	

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 1010	<b>TRT#:</b> F1-1	<b>DOSE:</b> 0 ppm	<b>SEX:</b> Female	<b>REMOVAL DAY:</b> PND237
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c Parental Females		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 10637

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**TISSUE STATUS**

**No Visible Lesions**

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ADRENAL GLAND	CERVIX	LIVER	MAMMARY GLAND
OVARY	PITUITARY GLAND	SPLEEN	THYMUS
THYROID GLAND	UTERUS		

---

**OBSERVATIONS**

---

KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
	CORTICOMEDULLARY JUNCTION	MINERAL	MILD
VAGINA		CYST	SQUAMOUS

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 1016	<b>TRT#:</b> F1-1	<b>DOSE:</b> 0 ppm	<b>SEX:</b> Female	<b>REMOVAL DAY:</b> LD21
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c Parental Females		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 10644

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**TISSUE STATUS**

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**No Visible Lesions**

ADRENAL GLAND	CERVIX	KIDNEY	LIVER
MAMMARY GLAND	OVARY	PITUITARY GLAND	SPLEEN
THYROID GLAND	UTERUS	VAGINA	

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**NOT PRESENT**

THYMUS

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**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 1018	<b>TRT#:</b> F1-1	<b>DOSE:</b> 0 ppm	<b>SEX:</b> Female	<b>REMOVAL DAY:</b> LD21
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c Parental Females		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 10645

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**TISSUE STATUS**

**No Visible Lesions**

---

ADRENAL GLAND	CERVIX	LIVER	MAMMARY GLAND
OVARY	PITUITARY GLAND	SPLEEN	THYMUS
THYROID GLAND	UTERUS	VAGINA	

---

**OBSERVATIONS**

---

KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
	CORTICOMEDULLARY JUNCTION	MINERAL	MINIMAL

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

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<b>ANIMAL ID:</b> 1022	<b>TRT#:</b> F1-1	<b>DOSE:</b> 0 ppm	<b>SEX:</b> Female	<b>REMOVAL DAY:</b> LD21
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c Parental Females		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 10558

---

**TISSUE STATUS**

**No Visible Lesions**

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ADRENAL GLAND	CERVIX	LIVER	MAMMARY GLAND
OVARY	PITUITARY GLAND	SPLEEN	THYMUS
THYROID GLAND	UTERUS	VAGINA	

---

**OBSERVATIONS**

---

KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
	CORTICOMEDULLARY JUNCTION	MINERAL	MINIMAL

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

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<b>ANIMAL ID:</b> 1024	<b>TRT#:</b> F1-1	<b>DOSE:</b> 0 ppm	<b>SEX:</b> Female	<b>REMOVAL DAY:</b> PND237
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c Parental Females		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 10559

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**TISSUE STATUS**

---

**No Visible Lesions**

ADRENAL GLAND	CERVIX	MAMMARY GLAND	PITUITARY GLAND
SPLEEN	THYROID GLAND	UTERUS	VAGINA

---

**OBSERVATIONS**

KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
	CORTICOMEDULLARY JUNCTION	MINERAL	MINIMAL
LIVER		INFLAMMATION	FOCAL, MINIMAL
OVARY	CORPUS LUTEUM, BILATERAL	CYST	
THYMUS		HYPERPLASIA	EPITHELIAL, MINIMAL

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 1028	<b>TRT#:</b> F1-1	<b>DOSE:</b> 0 ppm	<b>SEX:</b> Female	<b>REMOVAL DAY:</b> LD21
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c Parental Females		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 10713

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**TISSUE STATUS**

**No Visible Lesions**

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ADRENAL GLAND	CERVIX	LIVER	MAMMARY GLAND
PITUITARY GLAND	SPLEEN	THYMUS	THYROID GLAND
UTERUS	VAGINA		

---

**OBSERVATIONS**

---

KIDNEY	CORTICOMEDULLARY JUNCTION	MINERAL	MINIMAL
OVARY	CORPUS LUTEUM	CYST	

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 1030	<b>TRT#:</b> F1-1	<b>DOSE:</b> 0 ppm	<b>SEX:</b> Female	<b>REMOVAL DAY:</b> LD21
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c Parental Females		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 10673

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**TISSUE STATUS**

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**No Visible Lesions**

ADRENAL GLAND	CERVIX	LIVER	MAMMARY GLAND
OVARY	PITUITARY GLAND	SPLEEN	THYMUS
THYROID GLAND	UTERUS	VAGINA	

---

**OBSERVATIONS**

KIDNEY	PAPILLA	MINERAL	MINIMAL
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**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 1032	<b>TRT#:</b> F1-1	<b>DOSE:</b> 0 ppm	<b>SEX:</b> Female	<b>REMOVAL DAY:</b> LD21
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c Parental Females		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 10843

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**TISSUE STATUS**

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**No Visible Lesions**

ADRENAL GLAND	CERVIX	LIVER	MAMMARY GLAND
OVARY	SPLEEN	THYROID GLAND	UTERUS
VAGINA			

---

**OBSERVATIONS**

KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MILD
	CORTICOMEDULLARY JUNCTION	MINERAL	MINIMAL
PITUITARY GLAND	PARS DISTALIS	CYST	
THYMUS		ATROPHY	MINIMAL

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 1034	<b>TRT#:</b> F1-1	<b>DOSE:</b> 0 ppm	<b>SEX:</b> Female	<b>REMOVAL DAY:</b> LD21
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c Parental Females		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 10844

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**TISSUE STATUS**

---

**No Visible Lesions**

ADRENAL GLAND	CERVIX	LIVER	MAMMARY GLAND
OVARY	SPLEEN	THYROID GLAND	UTERUS
VAGINA			

---

**OBSERVATIONS**

KIDNEY	CORTICOMEDULLARY JUNCTION	MINERAL	MINIMAL
PITUITARY GLAND	PARS DISTALIS	CYST	
THYMUS		ATROPHY	MINIMAL

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 1040	<b>TRT#:</b> F1-1	<b>DOSE:</b> 0 ppm	<b>SEX:</b> Female	<b>REMOVAL DAY:</b> LD21
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c Parental Females		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 10719

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**TISSUE STATUS**

**No Visible Lesions**

ADRENAL GLAND	CERVIX	KIDNEY	LIVER
MAMMARY GLAND	OVARY	PITUITARY GLAND	SPLEEN
THYMUS	THYROID GLAND	UTERUS	VAGINA

---

**OBSERVATIONS**

OVARY NO MICROSCOPIC CORRELATION

[ NO MICROSCOPIC CORRELATION TGLS = 1=NO MICROSCOPIC CORRELATION ]

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**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 1042	<b>TRT#:</b> F1-1	<b>DOSE:</b> 0 ppm	<b>SEX:</b> Female	<b>REMOVAL DAY:</b> GD22
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c Parental Females		<b>DISP:</b> Found Dead	<b>HISTO:</b> 10720

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**TISSUE STATUS**

**No Visible Lesions**

ADRENAL GLAND	CERVIX	LIVER	OVARY
PITUITARY GLAND	SPLEEN	THYMUS	THYROID GLAND
VAGINA			

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**NOT PRESENT**

MAMMARY GLAND	UTERUS
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**OBSERVATIONS**

KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
	CORTICOMEDULLARY JUNCTION	MINERAL	MINIMAL
	PAPILLA	MINERAL	MINIMAL

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

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<b>ANIMAL ID:</b> 1046	<b>TRT#:</b> F1-1	<b>DOSE:</b> 0 ppm	<b>SEX:</b> Female	<b>REMOVAL DAY:</b> PND180
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c Parental Females		<b>DISP:</b> Euthanized Moribund	<b>HISTO:</b> 10684

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**TISSUE STATUS**

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**No Visible Lesions**

ADRENAL GLAND	CERVIX	LIVER	MAMMARY GLAND
PITUITARY GLAND	THYMUS	THYROID GLAND	UTERUS
VAGINA			

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**OBSERVATIONS**

KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
	CORTICOMEDULLARY JUNCTION	MINERAL	MINIMAL
LYMPH NODE, AXILLARY [ HYPERPLASIA TGLS = 1-11 ]		HYPERPLASIA	PLASMA CELL, MODERATE
OVARY		CYST	
SKIN [ INFLAMMATION, SUPPURATIVE TGLS = 2-12 ]		INFLAMMATION, SUPPURATIVE	MARKED
SPLEEN [ EXTRAMEDULLARY HEMATOPOIESIS TGLS = 3-3 ]		EXTRAMEDULLARY HEMATOPOIESIS	MILD

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 1048	<b>TRT#:</b> F1-1	<b>DOSE:</b> 0 ppm	<b>SEX:</b> Female	<b>REMOVAL DAY:</b> LD21
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c Parental Females		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 10685

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**TISSUE STATUS**

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**No Visible Lesions**

ADRENAL GLAND	CERVIX	LIVER	MAMMARY GLAND
PITUITARY GLAND	SPLEEN	THYMUS	THYROID GLAND
UTERUS	VAGINA		

---

**OBSERVATIONS**

KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
	CORTICOMEDULLARY JUNCTION	MINERAL	MINIMAL
OVARY	CORPUS LUTEUM	CYST	

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 1050	<b>TRT#:</b> F1-1	<b>DOSE:</b> 0 ppm	<b>SEX:</b> Female	<b>REMOVAL DAY:</b> LD21
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c Parental Females		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 10686

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**TISSUE STATUS**

**No Visible Lesions**

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ADRENAL GLAND	CERVIX	LIVER	MAMMARY GLAND
OVARY	PITUITARY GLAND	SPLEEN	THYMUS
THYROID GLAND	UTERUS	VAGINA	

---

**OBSERVATIONS**

---

KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
	CORTICOMEDULLARY JUNCTION	MINERAL	MINIMAL

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 1058	<b>TRT#:</b> F1-1	<b>DOSE:</b> 0 ppm	<b>SEX:</b> Female	<b>REMOVAL DAY:</b> LD21
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c Parental Females		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 10869

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**TISSUE STATUS**

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**No Visible Lesions**

ADRENAL GLAND	CERVIX	CLITORAL GLAND	LIVER
MAMMARY GLAND	OVARY	PITUITARY GLAND	SPLEEN
THYROID GLAND	VAGINA		

---

**OBSERVATIONS**

KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
THYMUS		ATROPHY	MINIMAL
		CYST	
UTERUS	CERVIX	CYST	SQUAMOUS

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 1060	<b>TRT#:</b> F1-1	<b>DOSE:</b> 0 ppm	<b>SEX:</b> Female	<b>REMOVAL DAY:</b> LD21
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c Parental Females		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 10870

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**TISSUE STATUS**

**No Visible Lesions**

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ADRENAL GLAND	CERVIX	LIVER	MAMMARY GLAND
OVARY	PITUITARY GLAND	SPLEEN	THYROID GLAND
VAGINA			

---

**OBSERVATIONS**

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KIDNEY	CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
THYMUS	HYPERPLASIA	EPITHELIAL, MINIMAL
UTERUS	DILATION	MILD

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 1062	<b>TRT#:</b> F1-1	<b>DOSE:</b> 0 ppm	<b>SEX:</b> Female	<b>REMOVAL DAY:</b> LD21
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c Parental Females		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 10987

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**TISSUE STATUS**

**No Visible Lesions**

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ADRENAL GLAND	CERVIX	LIVER	MAMMARY GLAND
OVARY	PITUITARY GLAND	SPLEEN	THYMUS
THYROID GLAND	UTERUS	VAGINA	

---

**OBSERVATIONS**

---

KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
	CORTICOMEDULLARY JUNCTION	MINERAL	MINIMAL

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 1064	<b>TRT#:</b> F1-1	<b>DOSE:</b> 0 ppm	<b>SEX:</b> Female	<b>REMOVAL DAY:</b> LD21
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c Parental Females		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 10988

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**TISSUE STATUS**

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**No Visible Lesions**

ADRENAL GLAND	CERVIX	LIVER	OVARY
PITUITARY GLAND	SPLEEN	THYMUS	THYROID GLAND
UTERUS	VAGINA		

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**OBSERVATIONS**

KIDNEY	CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
MAMMARY GLAND	ADENOCARCINOMA	

[ ADENOCARCINOMA TGLS = 1-10A ]

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**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 1068	<b>TRT#:</b> F1-1	<b>DOSE:</b> 0 ppm	<b>SEX:</b> Female	<b>REMOVAL DAY:</b> LD21
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c Parental Females		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 10949

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**TISSUE STATUS**

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**No Visible Lesions**

ADRENAL GLAND	CERVIX	LIVER	MAMMARY GLAND
OVARY	PITUITARY GLAND	SPLEEN	THYROID GLAND
UTERUS	VAGINA		

---

**OBSERVATIONS**

KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
	CORTICOMEDULLARY JUNCTION	MINERAL	MINIMAL
THYMUS		ATROPHY	MILD

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 1070	<b>TRT#:</b> F1-1	<b>DOSE:</b> 0 ppm	<b>SEX:</b> Female	<b>REMOVAL DAY:</b> LD21
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c Parental Females		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 10950

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**TISSUE STATUS**

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**No Visible Lesions**

ADRENAL GLAND	CERVIX	CLITORAL GLAND	LIVER
MAMMARY GLAND	OVARY	PITUITARY GLAND	SPLEEN
THYROID GLAND	UTERUS	VAGINA	

---

**OBSERVATIONS**

KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
	CORTICOMEDULLARY JUNCTION	MINERAL	MINIMAL
THYMUS		ATROPHY	MILD

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 1072	<b>TRT#:</b> F1-1	<b>DOSE:</b> 0 ppm	<b>SEX:</b> Female	<b>REMOVAL DAY:</b> LD21
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c Parental Females		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 10951

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**TISSUE STATUS**

**No Visible Lesions**

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ADRENAL GLAND	CERVIX	LIVER	MAMMARY GLAND
OVARY	PITUITARY GLAND	SPLEEN	THYMUS
THYROID GLAND	UTERUS	VAGINA	

---

**OBSERVATIONS**

---

KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
	CORTICOMEDULLARY JUNCTION	MINERAL	MINIMAL

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 1080	<b>TRT#:</b> F1-1	<b>DOSE:</b> 0 ppm	<b>SEX:</b> Female	<b>REMOVAL DAY:</b> LD21
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c Parental Females		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 11203

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**TISSUE STATUS**

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**No Visible Lesions**

ADRENAL GLAND	CERVIX	LIVER	MAMMARY GLAND
OVARY	PITUITARY GLAND	SPLEEN	THYMUS
THYROID GLAND	UTERUS	VAGINA	

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**OBSERVATIONS**

KIDNEY	CORTICOMEDULLARY JUNCTION	MINERAL	MINIMAL
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**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 1082	<b>TRT#:</b> F1-1	<b>DOSE:</b> 0 ppm	<b>SEX:</b> Female	<b>REMOVAL DAY:</b> LD21
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c Parental Females		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 11204

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**TISSUE STATUS**

**No Visible Lesions**

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ADRENAL GLAND	CERVIX	LIVER	OVARY
PITUITARY GLAND	SPLEEN	THYMUS	THYROID GLAND
VAGINA			

---

**NOT PRESENT**

MAMMARY GLAND

---

**OBSERVATIONS**

---

KIDNEY	CORTICOMEDULLARY JUNCTION	MINERAL	MINIMAL
UTERUS		POLYP	STROMAL

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

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<b>ANIMAL ID:</b> 1086	<b>TRT#:</b> F1-1	<b>DOSE:</b> 0 ppm	<b>SEX:</b> Female	<b>REMOVAL DAY:</b> PND233
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c Parental Females		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 11213

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**TISSUE STATUS**

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**No Visible Lesions**

ADRENAL GLAND	CERVIX	LIVER	MAMMARY GLAND
OVARY	PITUITARY GLAND	SPLEEN	THYMUS
THYROID GLAND	VAGINA		

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**OBSERVATIONS**

KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
	CORTICOMEDULLARY JUNCTION	MINERAL	MINIMAL
UTERUS	ENDOMETRIUM	CYST	

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 1088	<b>TRT#:</b> F1-1	<b>DOSE:</b> 0 ppm	<b>SEX:</b> Female	<b>REMOVAL DAY:</b> PND233
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c Parental Females		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 11215

---

**TISSUE STATUS**

**No Visible Lesions**

---

ADRENAL GLAND	CERVIX	LIVER	MAMMARY GLAND
OVARY	PITUITARY GLAND	SPLEEN	THYMUS
THYROID GLAND	VAGINA		

---

**OBSERVATIONS**

---

KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
	CORTICOMEDULLARY JUNCTION	MINERAL	MILD
OVARY		NO MICROSCOPIC CORRELATION	
[ NO MICROSCOPIC CORRELATION TGLS = 1-8,1-9=NO MICROSCOPIC CORRELATION ]			
UTERUS	ENDOMETRIUM	CYST	
	ENDOMETRIUM	METAPLASIA	SQUAMOUS, MINIMAL

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 1090	<b>TRT#:</b> F1-1	<b>DOSE:</b> 0 ppm	<b>SEX:</b> Female	<b>REMOVAL DAY:</b> LD21
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c Parental Females		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 11260

---

**TISSUE STATUS**

---

**No Visible Lesions**

ADRENAL GLAND	CERVIX	LIVER	MAMMARY GLAND
OVARY	PITUITARY GLAND	SPLEEN	THYROID GLAND
UTERUS	VAGINA		

---

**OBSERVATIONS**

KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
	CORTICOMEDULLARY JUNCTION	MINERAL	MINIMAL
PAW		NO MICROSCOPIC FINDING RECORDED	
	[ NO MICROSCOPIC FINDING RECORDED TGLS = 1 ]		
THYMUS		HYPERPLASIA	EPITHELIAL, MINIMAL

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 1092	<b>TRT#:</b> F1-1	<b>DOSE:</b> 0 ppm	<b>SEX:</b> Female	<b>REMOVAL DAY:</b> LD21
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c Parental Females		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 11261

---

**TISSUE STATUS**

---

**No Visible Lesions**

ADRENAL GLAND	CERVIX	LIVER	MAMMARY GLAND
OVARY	PITUITARY GLAND	SPLEEN	THYROID GLAND
UTERUS	VAGINA		

---

**OBSERVATIONS**

KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
	CORTICOMEDULLARY JUNCTION	MINERAL	MINIMAL
THYMUS		ATROPHY	MINIMAL

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 1096	<b>TRT#:</b> F1-1	<b>DOSE:</b> 0 ppm	<b>SEX:</b> Female	<b>REMOVAL DAY:</b> LD21
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c Parental Females		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 11419

---

**TISSUE STATUS**

---

**No Visible Lesions**

ADRENAL GLAND	CERVIX	LIVER	MAMMARY GLAND
OVARY	PITUITARY GLAND	SPLEEN	THYMUS
UTERUS	VAGINA		

---

**OBSERVATIONS**

KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
	MEDULLA	CYST	
	CORTICOMEDULLARY JUNCTION	MINERAL	MINIMAL
THYROID GLAND	C-CELL	HYPERPLASIA	MINIMAL

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 1098	<b>TRT#:</b> F1-1	<b>DOSE:</b> 0 ppm	<b>SEX:</b> Female	<b>REMOVAL DAY:</b> LD21
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c Parental Females		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 11246

---

**TISSUE STATUS**

---

**No Visible Lesions**

ADRENAL GLAND	CERVIX	LIVER	MAMMARY GLAND
OVARY	PITUITARY GLAND	SPLEEN	THYROID GLAND
UTERUS	VAGINA		

---

**OBSERVATIONS**

KIDNEY	CORTICOMEDULLARY JUNCTION	MINERAL	MINIMAL
THYMUS		ATROPHY	MILD

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 1106	<b>TRT#:</b> F1-1	<b>DOSE:</b> 0 ppm	<b>SEX:</b> Female	<b>REMOVAL DAY:</b> LD21
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c Parental Females		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 11235

---

**TISSUE STATUS**

**No Visible Lesions**

---

ADRENAL GLAND	CERVIX	LIVER	MAMMARY GLAND
OVARY	PITUITARY GLAND	SPLEEN	THYMUS
THYROID GLAND	UTERUS	VAGINA	

---

**OBSERVATIONS**

---

KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
	CORTICOMEDULLARY JUNCTION	MINERAL	MINIMAL
PAW		NO MICROSCOPIC FINDING RECORDED	

---

[ NO MICROSCOPIC FINDING RECORDED TGLS = 1 ]

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 1108	<b>TRT#:</b> F1-1	<b>DOSE:</b> 0 ppm	<b>SEX:</b> Female	<b>REMOVAL DAY:</b> LD21
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c Parental Females		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 11236

---

**TISSUE STATUS**

---

**No Visible Lesions**

ADRENAL GLAND	CERVIX	LIVER	MAMMARY GLAND
PITUITARY GLAND	SPLEEN	THYMUS	THYROID GLAND
UTERUS	VAGINA		

---

**OBSERVATIONS**

KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
	CORTICOMEDULLARY JUNCTION	MINERAL	MINIMAL
OVARY	CORPUS LUTEUM	CYST	

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 1118	<b>TRT#:</b> F1-1	<b>DOSE:</b> 0 ppm	<b>SEX:</b> Female	<b>REMOVAL DAY:</b> LD21
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c Parental Females		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 11223

---

**TISSUE STATUS**

**No Visible Lesions**

---

ADRENAL GLAND	CERVIX	LIVER	MAMMARY GLAND
OVARY	PITUITARY GLAND	SPLEEN	THYROID GLAND
UTERUS	VAGINA		

---

**OBSERVATIONS**

---

KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
	CORTICOMEDULLARY JUNCTION	MINERAL	MINIMAL
THYMUS		ATROPHY	MINIMAL

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 1120	<b>TRT#:</b> F1-1	<b>DOSE:</b> 0 ppm	<b>SEX:</b> Female	<b>REMOVAL DAY:</b> LD21
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c Parental Females		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 11224

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**TISSUE STATUS**

---

**No Visible Lesions**

ADRENAL GLAND	CERVIX	LIVER	MAMMARY GLAND
PITUITARY GLAND	SPLEEN	THYMUS	THYROID GLAND
UTERUS	VAGINA		

---

**OBSERVATIONS**

KIDNEY	CORTICOMEDULLARY JUNCTION	MINERAL	MINIMAL
OVARY	CORPUS LUTEUM, BILATERAL	CYST	

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 1128	<b>TRT#:</b> F1-1	<b>DOSE:</b> 0 ppm	<b>SEX:</b> Female	<b>REMOVAL DAY:</b> LD21
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c Parental Females		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 11338

---

**TISSUE STATUS**

**No Visible Lesions**

---

ADRENAL GLAND	CERVIX	LIVER	MAMMARY GLAND
OVARY	PITUITARY GLAND	SPLEEN	THYMUS
THYROID GLAND	UTERUS	VAGINA	

---

**OBSERVATIONS**

---

KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MILD
	CORTICOMEDULLARY JUNCTION	MINERAL	MINIMAL

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 1130	<b>TRT#:</b> F1-1	<b>DOSE:</b> 0 ppm	<b>SEX:</b> Female	<b>REMOVAL DAY:</b> LD21
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c Parental Females		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 11472

---

**TISSUE STATUS**

**No Visible Lesions**

---

ADRENAL GLAND	CERVIX	LIVER	MAMMARY GLAND
PITUITARY GLAND	SPLEEN	THYMUS	THYROID GLAND
UTERUS	VAGINA		

---

**OBSERVATIONS**

---

KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
	CORTICOMEDULLARY JUNCTION	MINERAL	MINIMAL
OVARY	CORPUS LUTEUM	CYST	

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 1132	<b>TRT#:</b> F1-1	<b>DOSE:</b> 0 ppm	<b>SEX:</b> Female	<b>REMOVAL DAY:</b> LD21
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c Parental Females		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 11473

---

**TISSUE STATUS**

**No Visible Lesions**

---

ADRENAL GLAND	CERVIX	LIVER	MAMMARY GLAND
OVARY	PITUITARY GLAND	SPLEEN	THYMUS
THYROID GLAND	UTERUS	VAGINA	

---

**OBSERVATIONS**

---

KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
	CORTICOMEDULLARY JUNCTION	MINERAL	MINIMAL

---



**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 1318	<b>TRT#:</b> F1-2	<b>DOSE:</b> 1000 ppm	<b>SEX:</b> Female	<b>REMOVAL DAY:</b> LD21
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c Parental Females		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 10851

---

**OBSERVATIONS**

LIVER	HEPATOCTE	NECROSIS	MARKED
[ NECROSIS TGLS = 1-3 ]			

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 1332	<b>TRT#:</b> F1-2	<b>DOSE:</b> 1000 ppm	<b>SEX:</b> Female	<b>REMOVAL DAY:</b> LD21
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c Parental Females		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 10827

---

**OBSERVATIONS**

MESENTERY	FAT	NECROSIS	MILD
[ NECROSIS TGLS = 1-11 ]			

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 1346	<b>TRT#:</b> F1-2	<b>DOSE:</b> 1000 ppm	<b>SEX:</b> Female	<b>REMOVAL DAY:</b> LD21
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c Parental Females		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 10748

---

**OBSERVATIONS**

MAMMARY GLAND

FIBROADENOMA

[ FIBROADENOMA TGLS = 1-11 ]

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 1356	<b>TRT#:</b> F1-2	<b>DOSE:</b> 1000 ppm	<b>SEX:</b> Female	<b>REMOVAL DAY:</b> LD21
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c Parental Females		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 10764

---

**OBSERVATIONS**

UTERUS	SUBSEROVA	CYST
[ CYST TGLS = 1-7 ]		

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 1366	<b>TRT#:</b> F1-2	<b>DOSE:</b> 1000 ppm	<b>SEX:</b> Female	<b>REMOVAL DAY:</b> LD21
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c Parental Females		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 11096

---

**OBSERVATIONS**

MAMMARY GLAND

NO MICROSCOPIC CORRELATION

[ NO MICROSCOPIC CORRELATION TGLS = 1-11 ]

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 1388	<b>TRT#:</b> F1-2	<b>DOSE:</b> 1000 ppm	<b>SEX:</b> Female	<b>REMOVAL DAY:</b> PND233
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c Parental Females		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 11272

---

**OBSERVATIONS**

CLITORAL GLAND

INFLAMMATION, SUPPURATIVE

MILD

[ INFLAMMATION, SUPPURATIVE TGLS = 1-11, 2-11 ]

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 1602	<b>TRT#:</b> F1-3	<b>DOSE:</b> 5000 ppm	<b>SEX:</b> Female	<b>REMOVAL DAY:</b> LD21
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c Parental Females		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 10527

---

**OBSERVATIONS**

MAMMARY GLAND

FIBROADENOMA

[ FIBROADENOMA TGLS = 1-11 ]

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 1610	<b>TRT#:</b> F1-3	<b>DOSE:</b> 5000 ppm	<b>SEX:</b> Female	<b>REMOVAL DAY:</b> LD21
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c Parental Females		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 10603

---

**OBSERVATIONS**

KIDNEY			CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
	PELVIS		DILATION	MINIMAL
[ DILATION TGLS = 1-2 ]				

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 1614	<b>TRT#:</b> F1-3	<b>DOSE:</b> 5000 ppm	<b>SEX:</b> Female	<b>REMOVAL DAY:</b> PND165
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c Parental Females		<b>DISP:</b> Euthanized Moribund	<b>HISTO:</b> 10475

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**TISSUE STATUS**

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**No Visible Lesions**

ADRENAL GLAND	CERVIX	LIVER	OVARY
PITUITARY GLAND	THYMUS	THYROID GLAND	UTERUS
VAGINA			

---

**OBSERVATIONS**

KIDNEY	CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
MAMMARY GLAND	ADENOCARCINOMA	
[ ADENOCARCINOMA TGLS = 1-11 ]		
SPLEEN	EXTRAMEDULLARY HEMATOPOIESIS	MILD

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 1678	<b>TRT#:</b> F1-3	<b>DOSE:</b> 5000 ppm	<b>SEX:</b> Female	<b>REMOVAL DAY:</b> PND126
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c Parental Females		<b>DISP:</b> Euthanized Moribund	<b>HISTO:</b> 10893

---

**TISSUE STATUS**

---

**No Visible Lesions**

ADRENAL GLAND	CERVIX	LIVER	MAMMARY GLAND
OVARY	PITUITARY GLAND	THYMUS	THYROID GLAND

---

**OBSERVATIONS**

KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
	CORTICOMEDULLARY JUNCTION	MINERAL	MINIMAL
SPLEEN		EXTRAMEDULLARY HEMATOPOIESIS	MILD
UTERUS		INFLAMMATION	ACUTE, MILD
[ INFLAMMATION TGLS = 1-6, 1-7 ]			
VAGINA		MUCIFICATION	MODERATE

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 1688	<b>TRT#:</b> F1-3	<b>DOSE:</b> 5000 ppm	<b>SEX:</b> Female	<b>REMOVAL DAY:</b> PND144
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c Parental Females		<b>DISP:</b> Euthanized Moribund	<b>HISTO:</b> 10907

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**TISSUE STATUS**

---

**No Visible Lesions**

ADRENAL GLAND	MAMMARY GLAND	OVARY	PITUITARY GLAND
THYMUS	THYROID GLAND		

---

**OBSERVATIONS**

CERVIX	INFLAMMATION	ACUTE, MODERATE
KIDNEY	CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER	INFLAMMATION	FOCAL, MINIMAL
SKIN, SUBCUTANEOUS TISSUE	INFLAMMATION, SUPPURATIVE	MARKED
[ INFLAMMATION, SUPPURATIVE TGLS = 1-11 ]		
SPLEEN	EXTRAMEDULLARY HEMATOPOIESIS	MILD
UTERUS	INFLAMMATION	ACUTE, MILD
VAGINA	INFLAMMATION	ACUTE, MARKED

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 1700	<b>TRT#:</b> F1-3	<b>DOSE:</b> 5000 ppm	<b>SEX:</b> Female	<b>REMOVAL DAY:</b> LD21
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c Parental Females		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 11006

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**OBSERVATIONS**

CLITORAL GLAND

INFLAMMATION, SUPPURATIVE

MARKED

[ INFLAMMATION, SUPPURATIVE TGLS = 1-11, 2-11 ]

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

<b>ANIMAL ID:</b> 1716	<b>TRT#:</b> F1-3	<b>DOSE:</b> 5000 ppm	<b>SEX:</b> Female	<b>REMOVAL DAY:</b> PND111
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c Parental Females		<b>DISP:</b> Found Dead	<b>HISTO:</b> 10924

**TISSUE STATUS**

**No Visible Lesions**

LIVER	MAMMARY GLAND	PITUITARY GLAND	THYROID GLAND
<b>OBSERVATIONS</b>			
ADRENAL GLAND	CORTEX	HEMORRHAGE	MILD
	CORTEX	HYPERPLASIA	MILD
[ HYPERPLASIA TGLS = 1-1 ]			
CERVIX		POLYARTERITIS NODOSA	MILD
HEART		CARDIOMYOPATHY	MINIMAL
		POLYARTERITIS NODOSA	MILD
[ POLYARTERITIS NODOSA TGLS = 2-11 ]			
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
	CORTICOMEDULLARY JUNCTION	MINERAL	MINIMAL
		POLYARTERITIS NODOSA	MODERATE
MESENTERY		PERIARTERITIS	MARKED
[ PERIARTERITIS TGLS = 3-12 ]			
OVARY		POLYARTERITIS NODOSA	MODERATE
[ POLYARTERITIS NODOSA TGLS = 4-8,5-9 ]			
SPLEEN		EXTRAMEDULLARY HEMATOPOIESIS	MILD
[ EXTRAMEDULLARY HEMATOPOIESIS TGLS = 6-3 ]			
THYMUS		NO MICROSCOPIC CORRELATION	
[ NO MICROSCOPIC CORRELATION TGLS = 7-1 ]			
UTERUS		POLYARTERITIS NODOSA	MINIMAL
VAGINA		POLYARTERITIS NODOSA	MILD



**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 1772	<b>TRT#:</b> F1-3	<b>DOSE:</b> 5000 ppm	<b>SEX:</b> Female	<b>REMOVAL DAY:</b> PND165
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c Parental Females		<b>DISP:</b> Euthanized Moribund	<b>HISTO:</b> 11480

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**TISSUE STATUS**

**No Visible Lesions**

ADRENAL GLAND	CERVIX	OVARY	PITUITARY GLAND
THYROID GLAND	UTERUS	VAGINA	

---

**NOT PRESENT**

LYMPH NODE, INGUINAL	THYMUS
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**OBSERVATIONS**

KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
	CORTICOMEDULLARY JUNCTION	MINERAL	MINIMAL
LIVER	HEPATOCTYCE	NECROSIS	MINIMAL
LYMPH NODE		NO MICROSCOPIC FINDING RECORDED	
Tissue Note: NOT PRESENT			
[ NO MICROSCOPIC FINDING RECORDED TGLS = 2-13 ]			
LYMPH NODE, AXILLARY		HYPERPLASIA	LYMPHOCYTE, MINIMAL
[ HYPERPLASIA TGLS = 1-12 ]			
LYMPH NODE, MANDIBULAR		HYPERPLASIA	LYMPHOID, MILD
[ HYPERPLASIA TGLS = 3-11 ]			
MAMMARY GLAND		INFLAMMATION	ACUTE, MODERATE
SPLEEN		EXTRAMEDULLARY HEMATOPOIESIS	MINIMAL

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 1902	<b>TRT#:</b> F1-4	<b>DOSE:</b> 10000 ppm	<b>SEX:</b> Female	<b>REMOVAL DAY:</b> LD21
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c Parental Females		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 10538

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**TISSUE STATUS**

---

**No Visible Lesions**

ADRENAL GLAND	CERVIX	LIVER	MAMMARY GLAND
OVARY	PITUITARY GLAND	SPLEEN	THYROID GLAND
UTERUS	VAGINA		

---

**OBSERVATIONS**

KIDNEY	CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
THYMUS	ATROPHY	MILD

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 1904	<b>TRT#:</b> F1-4	<b>DOSE:</b> 10000 ppm	<b>SEX:</b> Female	<b>REMOVAL DAY:</b> PND237
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c Parental Females		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 10541

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**TISSUE STATUS**

**No Visible Lesions**

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ADRENAL GLAND	CERVIX	LIVER	MAMMARY GLAND
PITUITARY GLAND	SPLEEN	THYMUS	THYROID GLAND
UTERUS	VAGINA		

---

**OBSERVATIONS**

---

KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
OVARY	CORPUS LUTEUM, BILATERAL	CYST	

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 1912	<b>TRT#:</b> F1-4	<b>DOSE:</b> 10000 ppm	<b>SEX:</b> Female	<b>REMOVAL DAY:</b> PND237
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c Parental Females		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 10506

---

**TISSUE STATUS**

**No Visible Lesions**

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ADRENAL GLAND	CERVIX	LIVER	MAMMARY GLAND
OVARY	PITUITARY GLAND	SPLEEN	THYMUS
THYROID GLAND	VAGINA		

---

**OBSERVATIONS**

---

KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
UTERUS	ENDOMETRIUM	DILATION	GLANDULAR, CYSTIC, MINIMAL

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 1914	<b>TRT#:</b> F1-4	<b>DOSE:</b> 10000 ppm	<b>SEX:</b> Female	<b>REMOVAL DAY:</b> LD21
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c Parental Females		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 10507

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**TISSUE STATUS**

**No Visible Lesions**

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ADRENAL GLAND	CERVIX	LIVER	MAMMARY GLAND
OVARY	PITUITARY GLAND	SPLEEN	THYMUS
THYROID GLAND	VAGINA		

---

**OBSERVATIONS**

---

KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
UTERUS	ENDOMETRIUM	DILATION	GLANDULAR, CYSTIC, MINIMAL

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 1916	<b>TRT#:</b> F1-4	<b>DOSE:</b> 10000 ppm	<b>SEX:</b> Female	<b>REMOVAL DAY:</b> PND237
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c Parental Females		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 10508

---

**TISSUE STATUS**

**No Visible Lesions**

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ADRENAL GLAND	CERVIX	LIVER	MAMMARY GLAND
OVARY	PITUITARY GLAND	SPLEEN	THYMUS
THYROID GLAND	UTERUS	VAGINA	

---

**OBSERVATIONS**

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KIDNEY	CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
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**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 1924	<b>TRT#:</b> F1-4	<b>DOSE:</b> 10000 ppm	<b>SEX:</b> Female	<b>REMOVAL DAY:</b> LD21
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c Parental Females		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 10615

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**TISSUE STATUS**

**No Visible Lesions**

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ADRENAL GLAND	CERVIX	LIVER	MAMMARY GLAND
OVARY	PITUITARY GLAND	SPLEEN	THYMUS
THYROID GLAND	UTERUS	VAGINA	

---

**OBSERVATIONS**

---

KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
	CORTICOMEDULLARY JUNCTION	MINERAL	MINIMAL

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 1926	<b>TRT#:</b> F1-4	<b>DOSE:</b> 10000 ppm	<b>SEX:</b> Female	<b>REMOVAL DAY:</b> PND237
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c Parental Females		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 10616

---

**TISSUE STATUS**

**No Visible Lesions**

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ADRENAL GLAND	CERVIX	LIVER	MAMMARY GLAND
OVARY	PITUITARY GLAND	SPLEEN	THYMUS
THYROID GLAND	UTERUS	VAGINA	

---

**OBSERVATIONS**

---

KIDNEY	CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
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**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 1932	<b>TRT#:</b> F1-4	<b>DOSE:</b> 10000 ppm	<b>SEX:</b> Female	<b>REMOVAL DAY:</b> LD21
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c Parental Females		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 10810

---

**TISSUE STATUS**

**No Visible Lesions**

ADRENAL GLAND	CERVIX	KIDNEY	LIVER
MAMMARY GLAND	OVARY	PITUITARY GLAND	SPLEEN
THYROID GLAND	UTERUS	VAGINA	

---

**OBSERVATIONS**

THYMUS	ATROPHY	MINIMAL
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**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 1934	<b>TRT#:</b> F1-4	<b>DOSE:</b> 10000 ppm	<b>SEX:</b> Female	<b>REMOVAL DAY:</b> LD21
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c Parental Females		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 10795

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**TISSUE STATUS**

---

**No Visible Lesions**

ADRENAL GLAND	CERVIX	LIVER	MAMMARY GLAND
OVARY	PITUITARY GLAND	SPLEEN	THYROID GLAND
UTERUS	VAGINA		

---

**OBSERVATIONS**

KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
		NEPHROBLASTOMA	
[ NEPHROBLASTOMA TGLS = 1-2 ]			
THYMUS		HYPERPLASIA	EPITHELIAL, MINIMAL

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 1936	<b>TRT#:</b> F1-4	<b>DOSE:</b> 10000 ppm	<b>SEX:</b> Female	<b>REMOVAL DAY:</b> LD21
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c Parental Females		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 10796

---

**TISSUE STATUS**

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**No Visible Lesions**

ADRENAL GLAND	CERVIX	LIVER	MAMMARY GLAND
OVARY	PITUITARY GLAND	SPLEEN	THYMUS
THYROID GLAND	UTERUS	VAGINA	

---

**OBSERVATIONS**

KIDNEY	CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
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**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 1938	<b>TRT#:</b> F1-4	<b>DOSE:</b> 10000 ppm	<b>SEX:</b> Female	<b>REMOVAL DAY:</b> LD21
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c Parental Females		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 10797

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**TISSUE STATUS**

**No Visible Lesions**

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ADRENAL GLAND	CERVIX	LIVER	MAMMARY GLAND
OVARY	PITUITARY GLAND	SPLEEN	THYMUS
THYROID GLAND	UTERUS	VAGINA	

---

**OBSERVATIONS**

---

KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
	PAPILLA	MINERAL	MINIMAL

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 1946	<b>TRT#:</b> F1-4	<b>DOSE:</b> 10000 ppm	<b>SEX:</b> Female	<b>REMOVAL DAY:</b> LD21
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c Parental Females		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 10697

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**TISSUE STATUS**

---

**No Visible Lesions**

ADRENAL GLAND	CERVIX	LIVER	MAMMARY GLAND
OVARY	PITUITARY GLAND	SPLEEN	THYMUS
THYROID GLAND	UTERUS	VAGINA	

---

**OBSERVATIONS**

KIDNEY	CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
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**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 1948	<b>TRT#:</b> F1-4	<b>DOSE:</b> 10000 ppm	<b>SEX:</b> Female	<b>REMOVAL DAY:</b> PND236
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c Parental Females		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 10698

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**TISSUE STATUS**

**No Visible Lesions**

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ADRENAL GLAND	CERVIX	LIVER	MAMMARY GLAND
OVARY	PITUITARY GLAND	SPLEEN	THYMUS
THYROID GLAND	UTERUS	VAGINA	

---

**OBSERVATIONS**

---

KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
	CORTICOMEDULLARY JUNCTION	MINERAL	MINIMAL

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 1950	<b>TRT#:</b> F1-4	<b>DOSE:</b> 10000 ppm	<b>SEX:</b> Female	<b>REMOVAL DAY:</b> LD21
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c Parental Females		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 10699

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**TISSUE STATUS**

**No Visible Lesions**

---

ADRENAL GLAND	CERVIX	LIVER	MAMMARY GLAND
OVARY	PITUITARY GLAND	SPLEEN	THYMUS
THYROID GLAND	UTERUS	VAGINA	

---

**OBSERVATIONS**

---

KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
	CORTICOMEDULLARY JUNCTION	MINERAL	MINIMAL

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 1958	<b>TRT#:</b> F1-4	<b>DOSE:</b> 10000 ppm	<b>SEX:</b> Female	<b>REMOVAL DAY:</b> LD21
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c Parental Females		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 10806

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**TISSUE STATUS**

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**No Visible Lesions**

ADRENAL GLAND	CERVIX	LIVER	OVARY
PITUITARY GLAND	SPLEEN	THYROID GLAND	UTERUS
VAGINA			

---

**OBSERVATIONS**

KIDNEY	CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
MAMMARY GLAND	FIBROADENOMA	
[ FIBROADENOMA TGLS = 1-11 ]		
THYMUS	ATROPHY	MINIMAL

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 1960	<b>TRT#:</b> F1-4	<b>DOSE:</b> 10000 ppm	<b>SEX:</b> Female	<b>REMOVAL DAY:</b> LD21
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c Parental Females		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 11021

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**TISSUE STATUS**

**No Visible Lesions**

---

ADRENAL GLAND	CERVIX	LIVER	MAMMARY GLAND
OVARY	PITUITARY GLAND	SPLEEN	THYMUS
THYROID GLAND	UTERUS	VAGINA	

---

**OBSERVATIONS**

---

KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
	CORTICOMEDULLARY JUNCTION	MINERAL	MINIMAL
	PAPILLA	MINERAL	MINIMAL

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 1962	<b>TRT#:</b> F1-4	<b>DOSE:</b> 10000 ppm	<b>SEX:</b> Female	<b>REMOVAL DAY:</b> LD21
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c Parental Females		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 11022

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**TISSUE STATUS**

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**No Visible Lesions**

ADRENAL GLAND	CERVIX	LIVER	MAMMARY GLAND
OVARY	SPLEEN	THYROID GLAND	UTERUS
VAGINA			

---

**OBSERVATIONS**

KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
	CORTICOMEDULLARY JUNCTION	MINERAL	MINIMAL
PITUITARY GLAND	PARS DISTALIS	CYST	
THYMUS		HYPERPLASIA	EPITHELIAL, MINIMAL

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 1964	<b>TRT#:</b> F1-4	<b>DOSE:</b> 10000 ppm	<b>SEX:</b> Female	<b>REMOVAL DAY:</b> LD21
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c Parental Females		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 11023

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**TISSUE STATUS**

---

**No Visible Lesions**

ADRENAL GLAND	CERVIX	LIVER	MAMMARY GLAND
OVARY	PITUITARY GLAND	SPLEEN	THYROID GLAND
UTERUS	VAGINA		

---

**OBSERVATIONS**

KIDNEY	NEPHROBLASTEMATOSIS	MILD
THYMUS	ATROPHY	MINIMAL

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 1970	<b>TRT#:</b> F1-4	<b>DOSE:</b> 10000 ppm	<b>SEX:</b> Female	<b>REMOVAL DAY:</b> LD21
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c Parental Females		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 11037

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**TISSUE STATUS**

---

**No Visible Lesions**

ADRENAL GLAND	CERVIX	LIVER	MAMMARY GLAND
OVARY	PITUITARY GLAND	SPLEEN	UTERUS
VAGINA			

---

**OBSERVATIONS**

KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
THYMUS		ATROPHY	MINIMAL
THYROID GLAND	FOLLICLE	CYST	

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 1972	<b>TRT#:</b> F1-4	<b>DOSE:</b> 10000 ppm	<b>SEX:</b> Female	<b>REMOVAL DAY:</b> LD21
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c Parental Females		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 11038

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**TISSUE STATUS**

**No Visible Lesions**

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ADRENAL GLAND	CERVIX	LIVER	MAMMARY GLAND
OVARY	PITUITARY GLAND	SPLEEN	THYROID GLAND
UTERUS	VAGINA		

---

**OBSERVATIONS**

---

KIDNEY	CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
THYMUS	ATROPHY	MILD

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 1974	<b>TRT#:</b> F1-4	<b>DOSE:</b> 10000 ppm	<b>SEX:</b> Female	<b>REMOVAL DAY:</b> LD21
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c Parental Females		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 10970

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**TISSUE STATUS**

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**No Visible Lesions**

ADRENAL GLAND	CERVIX	LIVER	MAMMARY GLAND
PITUITARY GLAND	SPLEEN	THYROID GLAND	UTERUS
VAGINA			

---

**OBSERVATIONS**

KIDNEY	CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
OVARY	CYST	
THYMUS	ATROPHY	MINIMAL
	HYPERPLASIA	EPITHELIAL, MINIMAL

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 1976	<b>TRT#:</b> F1-4	<b>DOSE:</b> 10000 ppm	<b>SEX:</b> Female	<b>REMOVAL DAY:</b> LD21
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c Parental Females		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 10971

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**TISSUE STATUS**

**No Visible Lesions**

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ADRENAL GLAND	CERVIX	LIVER	MAMMARY GLAND
OVARY	PITUITARY GLAND	SPLEEN	THYMUS
THYROID GLAND	UTERUS	VAGINA	

---

**OBSERVATIONS**

---

KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
	CORTICOMEDULLARY JUNCTION	MINERAL	MINIMAL

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 1982	<b>TRT#:</b> F1-4	<b>DOSE:</b> 10000 ppm	<b>SEX:</b> Female	<b>REMOVAL DAY:</b> LD21
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c Parental Females		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 10935

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**TISSUE STATUS**

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**No Visible Lesions**

ADRENAL GLAND	CERVIX	MAMMARY GLAND	OVARY
SPLEEN	THYROID GLAND	UTERUS	VAGINA

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**OBSERVATIONS**

KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
	PAPILLA	DILATION	TUBULAR, MINIMAL
	CORTICOMEDULLARY JUNCTION	MINERAL	MINIMAL
	PAPILLA	MINERAL	MINIMAL
LIVER		NO MICROSCOPIC CORRELATION	
[ NO MICROSCOPIC CORRELATION TGLS = 1-3 ]			
PITUITARY GLAND	PARS DISTALIS	CYST	
THYMUS		ATROPHY	MINIMAL

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 1984	<b>TRT#:</b> F1-4	<b>DOSE:</b> 10000 ppm	<b>SEX:</b> Female	<b>REMOVAL DAY:</b> LD21
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c Parental Females		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 10936

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**TISSUE STATUS**

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**No Visible Lesions**

ADRENAL GLAND	CERVIX	KIDNEY	LIVER
MAMMARY GLAND	OVARY	PITUITARY GLAND	SPLEEN
THYMUS	THYROID GLAND	UTERUS	

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**OBSERVATIONS**

VAGINA	INFLAMMATION	ACUTE, MILD
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**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 1992	<b>TRT#:</b> F1-4	<b>DOSE:</b> 10000 ppm	<b>SEX:</b> Female	<b>REMOVAL DAY:</b> LD21
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c Parental Females		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 11078

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**TISSUE STATUS**

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**No Visible Lesions**

ADRENAL GLAND	CERVIX	LIVER	MAMMARY GLAND
OVARY	PITUITARY GLAND	SPLEEN	THYROID GLAND
UTERUS	VAGINA		

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**OBSERVATIONS**

KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
	CORTICOMEDULLARY JUNCTION	MINERAL	MINIMAL
THYMUS		ATROPHY	MILD

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 1994	<b>TRT#:</b> F1-4	<b>DOSE:</b> 10000 ppm	<b>SEX:</b> Female	<b>REMOVAL DAY:</b> LD21
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c Parental Females		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 11079

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**TISSUE STATUS**

**No Visible Lesions**

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ADRENAL GLAND	CERVIX	LIVER	MAMMARY GLAND
OVARY	PITUITARY GLAND	SPLEEN	THYMUS
THYROID GLAND	UTERUS	VAGINA	

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**OBSERVATIONS**

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KIDNEY	CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
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**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 2002	<b>TRT#:</b> F1-4	<b>DOSE:</b> 10000 ppm	<b>SEX:</b> Female	<b>REMOVAL DAY:</b> PND234
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c Parental Females		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 11118

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**TISSUE STATUS**

**No Visible Lesions**

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ADRENAL GLAND	CERVIX	LIVER	MAMMARY GLAND
OVARY	PITUITARY GLAND	SPLEEN	THYMUS
THYROID GLAND	UTERUS	VAGINA	

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**OBSERVATIONS**

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KIDNEY	CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
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**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 2004	<b>TRT#:</b> F1-4	<b>DOSE:</b> 10000 ppm	<b>SEX:</b> Female	<b>REMOVAL DAY:</b> LD21
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c Parental Females		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 11119

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**TISSUE STATUS**

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**No Visible Lesions**

ADRENAL GLAND	CERVIX	LIVER	MAMMARY GLAND
OVARY	PITUITARY GLAND	SPLEEN	THYMUS
THYROID GLAND	UTERUS	VAGINA	

---

**OBSERVATIONS**

KIDNEY	CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
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**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 2012	<b>TRT#:</b> F1-4	<b>DOSE:</b> 10000 ppm	<b>SEX:</b> Female	<b>REMOVAL DAY:</b> LD21
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c Parental Females		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 11130

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**TISSUE STATUS**

**No Visible Lesions**

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ADRENAL GLAND	CERVIX	LIVER	MAMMARY GLAND
OVARY	PITUITARY GLAND	SPLEEN	THYMUS
THYROID GLAND	UTERUS	VAGINA	

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**OBSERVATIONS**

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KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
	CORTICOMEDULLARY JUNCTION	MINERAL	MINIMAL

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 2014	<b>TRT#:</b> F1-4	<b>DOSE:</b> 10000 ppm	<b>SEX:</b> Female	<b>REMOVAL DAY:</b> LD21
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c Parental Females		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 11135

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**TISSUE STATUS**

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**No Visible Lesions**

ADRENAL GLAND	CERVIX	LIVER	MAMMARY GLAND
OVARY	PITUITARY GLAND	SPLEEN	THYROID GLAND
UTERUS	VAGINA		

---

**OBSERVATIONS**

KIDNEY	CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
THYMUS	ATROPHY	MILD
	HYPERPLASIA	EPITHELIAL, MINIMAL

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 2016	<b>TRT#:</b> F1-4	<b>DOSE:</b> 10000 ppm	<b>SEX:</b> Female	<b>REMOVAL DAY:</b> LD21
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c Parental Females		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 11063

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**TISSUE STATUS**

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**No Visible Lesions**

ADRENAL GLAND	CERVIX	KIDNEY	LIVER
MAMMARY GLAND	OVARY	PITUITARY GLAND	SPLEEN
THYMUS	THYROID GLAND	UTERUS	VAGINA

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 2018	<b>TRT#:</b> F1-4	<b>DOSE:</b> 10000 ppm	<b>SEX:</b> Female	<b>REMOVAL DAY:</b> LD21
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c Parental Females		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 11064

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**TISSUE STATUS**

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**No Visible Lesions**

ADRENAL GLAND	CERVIX	LIVER	MAMMARY GLAND
OVARY	PITUITARY GLAND	SPLEEN	THYROID GLAND
UTERUS	VAGINA		

---

**OBSERVATIONS**

KIDNEY	CORTICOMEDULLARY JUNCTION	MINERAL	MINIMAL
THYMUS		ATROPHY	MINIMAL

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

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<b>ANIMAL ID:</b> 2020	<b>TRT#:</b> F1-4	<b>DOSE:</b> 10000 ppm	<b>SEX:</b> Female	<b>REMOVAL DAY:</b> LD21
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c Parental Females		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 11065

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**TISSUE STATUS**

**No Visible Lesions**

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ADRENAL GLAND	CERVIX	LIVER	MAMMARY GLAND
OVARY	PITUITARY GLAND	SPLEEN	THYMUS
THYROID GLAND	UTERUS	VAGINA	

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**OBSERVATIONS**

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KIDNEY	CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
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**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

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<b>ANIMAL ID:</b> 2026	<b>TRT#:</b> F1-4	<b>DOSE:</b> 10000 ppm	<b>SEX:</b> Female	<b>REMOVAL DAY:</b> LD21
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c Parental Females		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 11296

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**TISSUE STATUS**

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**No Visible Lesions**

ADRENAL GLAND	CERVIX	LIVER	MAMMARY GLAND
OVARY	PITUITARY GLAND	SPLEEN	THYMUS
THYROID GLAND	UTERUS	VAGINA	

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**OBSERVATIONS**

KIDNEY	CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
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**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

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<b>ANIMAL ID:</b> 2028	<b>TRT#:</b> F1-4	<b>DOSE:</b> 10000 ppm	<b>SEX:</b> Female	<b>REMOVAL DAY:</b> LD21
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c Parental Females		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 11297

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**TISSUE STATUS**

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**No Visible Lesions**

ADRENAL GLAND	CERVIX	LIVER	MAMMARY GLAND
OVARY	PITUITARY GLAND	SPLEEN	THYROID GLAND
UTERUS	VAGINA		

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**OBSERVATIONS**

KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
	CORTICOMEDULLARY JUNCTION	MINERAL	MINIMAL
THYMUS		ATROPHY	MINIMAL

---

**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

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<b>ANIMAL ID:</b> 2030	<b>TRT#:</b> F1-4	<b>DOSE:</b> 10000 ppm	<b>SEX:</b> Female	<b>REMOVAL DAY:</b> LD21
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c Parental Females		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 11315

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**TISSUE STATUS**

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**No Visible Lesions**

ADRENAL GLAND	CERVIX	LIVER	MAMMARY GLAND
OVARY	PITUITARY GLAND	SPLEEN	THYMUS
THYROID GLAND	UTERUS	VAGINA	

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**OBSERVATIONS**

KIDNEY	CORTICOMEDULLARY JUNCTION	MINERAL	MINIMAL
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**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

---

<b>ANIMAL ID:</b> 2032	<b>TRT#:</b> F1-4	<b>DOSE:</b> 10000 ppm	<b>SEX:</b> Female	<b>REMOVAL DAY:</b> LD21
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c Parental Females		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 11316

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**TISSUE STATUS**

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**No Visible Lesions**

ADRENAL GLAND	CERVIX	LIVER	MAMMARY GLAND
OVARY	PITUITARY GLAND	SPLEEN	THYMUS
THYROID GLAND	UTERUS	VAGINA	

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**OBSERVATIONS**

KIDNEY	CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
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**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

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<b>ANIMAL ID:</b> 2038	<b>TRT#:</b> F1-4	<b>DOSE:</b> 10000 ppm	<b>SEX:</b> Female	<b>REMOVAL DAY:</b> LD21
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c Parental Females		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 11180

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**TISSUE STATUS**

**No Visible Lesions**

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ADRENAL GLAND	CERVIX	LIVER	MAMMARY GLAND
PITUITARY GLAND	SPLEEN	THYMUS	THYROID GLAND
UTERUS	VAGINA		

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**OBSERVATIONS**

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KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
	CORTICOMEDULLARY JUNCTION	MINERAL	MINIMAL
OVARY		NO MICROSCOPIC CORRELATION	

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[ NO MICROSCOPIC CORRELATION TGLS = 1-8 ]

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**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

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<b>ANIMAL ID:</b> 2040	<b>TRT#:</b> F1-4	<b>DOSE:</b> 10000 ppm	<b>SEX:</b> Female	<b>REMOVAL DAY:</b> LD21
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c Parental Females		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 11181

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**TISSUE STATUS**

**No Visible Lesions**

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ADRENAL GLAND	CERVIX	MAMMARY GLAND	OVARY
PITUITARY GLAND	SPLEEN	THYMUS	THYROID GLAND
UTERUS	VAGINA		

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**OBSERVATIONS**

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KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER	BILE DUCT	HYPERPLASIA	MINIMAL

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**Study Number:** R10997  
**Test Type:** RACB  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**  
**Test Compound:** Diisobutyl Phthalate  
**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019  
**Time Report Requested:** 13:29:00  
**Lab:** RTI

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<b>ANIMAL ID:</b> 2042	<b>TRT#:</b> F1-4	<b>DOSE:</b> 10000 ppm	<b>SEX:</b> Female	<b>REMOVAL DAY:</b> LD21
<b>GENERATION:</b> F1	<b>SELECTION:</b> F1c Parental Females		<b>DISP:</b> Scheduled Removal (Terminal)	<b>HISTO:</b> 11182

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**TISSUE STATUS**

**No Visible Lesions**

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ADRENAL GLAND	CERVIX	LIVER	MAMMARY GLAND
OVARY	PITUITARY GLAND	SPLEEN	THYMUS
THYROID GLAND	UTERUS	VAGINA	

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**OBSERVATIONS**

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KIDNEY	CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
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**Study Number:** R10997

**Test Type:** RACB

**Route:** Dosing in Feed

**Species/Strain:** Rat/Sprague-Dawley

**PA14: Individual Animal Pathology Data**

**Test Compound:** Diisobutyl Phthalate

**CAS Number:** 84-69-5

**Date Report Requested:** 07/30/2019

**Time Report Requested:** 13:29:00

**Lab:** RTI

LEGEND

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SD – Study Day; GD – Gestation Day; LD – Lactation Day; PND – Postnatal Day, adults post-weaning

**\*\* END OF REPORT \*\***