

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

C Number: R88007B
Study Gender: Both
PWG Approval Date See web page for date of PWG Approval

Study Number: R88007B
Test Type: RACB
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Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1	TRT#: F0-1	DOSE: 0 ppm	SEX: Male	REMOVAL DAY: SD224
GENERATION: F0			DISP: Scheduled Removal (Terminal)	HISTO: 4233

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	COAGULATING GLANDS	DORSAL PROSTATE
EPIDIDYMIDES	LIVER	PITUITARY GLAND	SEMINAL VESICLES
SPLEEN	TESTES	THYMUS	THYROID GLANDS
VENTRAL PROSTATE			

OBSERVATIONS

KIDNEYS	CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
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Study Number: R88007B
Test Type: RACB
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PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 3	TRT#: F0-1	DOSE: 0 ppm	SEX: Male	REMOVAL DAY: SD224
GENERATION: F0			DISP: Scheduled Removal (Terminal)	HISTO: 4247

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	COAGULATING GLANDS	DORSAL PROSTATE
EPIDIDYMIDES	PITUITARY GLAND	SEMINAL VESICLES	SPLEEN
THYMUS	THYROID GLANDS	VENTRAL PROSTATE	

OBSERVATIONS

KIDNEYS		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER		CLEAR CELL FOCUS	
TESTES	GERM CELL	DEGENERATION	MINIMAL

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 5	TRT#: F0-1	DOSE: 0 ppm	SEX: Male	REMOVAL DAY: SD224
GENERATION: F0			DISP: Scheduled Removal (Terminal)	HISTO: 4265

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	COAGULATING GLANDS	DORSAL PROSTATE
EPIDIDYMIDES	LIVER	PITUITARY GLAND	SEMINAL VESICLES
SPLEEN	TESTES	THYMUS	THYROID GLANDS
VENTRAL PROSTATE			

OBSERVATIONS

KIDNEYS	CHRONIC PROGRESSIVE NEPHROPATHY	MILD
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Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 7	TRT#: F0-1	DOSE: 0 ppm	SEX: Male	REMOVAL DAY: SD224
GENERATION: F0			DISP: Scheduled Removal (Terminal)	HISTO: 4143

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	COAGULATING GLANDS	EPIDIDYMIDES
PITUITARY GLAND	SEMINAL VESICLES	SPLEEN	TESTES
THYMUS	THYROID GLANDS	VENTRAL PROSTATE	

OBSERVATIONS

DORSAL PROSTATE	UNILATERAL	INFLAMMATION, ACUTE	MINIMAL
KIDNEYS		CHRONIC PROGRESSIVE NEPHROPATHY	MILD
LIVER		ANGIECTASIS	MINIMAL
		INFLAMMATION	FOCAL, MINIMAL

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 9	TRT#: F0-1	DOSE: 0 ppm	SEX: Male	REMOVAL DAY: SD224
GENERATION: F0			DISP: Scheduled Removal (Terminal)	HISTO: 4203

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	COAGULATING GLANDS	DORSAL PROSTATE
EPIDIDYMIDES	LIVER	PITUITARY GLAND	SEMINAL VESICLES
SPLEEN	TESTES	THYMUS	THYROID GLANDS
VENTRAL PROSTATE			

OBSERVATIONS

KIDNEYS	CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
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Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 11	TRT#: F0-1	DOSE: 0 ppm	SEX: Male	REMOVAL DAY: SD224
GENERATION: F0			DISP: Scheduled Removal (Terminal)	HISTO: 4125

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	COAGULATING GLANDS	DORSAL PROSTATE
EPIDIDYMIDES	PITUITARY GLAND	SEMINAL VESICLES	SPLEEN
TESTES	THYMUS	THYROID GLANDS	VENTRAL PROSTATE

OBSERVATIONS

KIDNEYS		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER		INFILTRATION	MONONUCLEAR CELL, MINIMAL
		INFLAMMATION	FOCAL, MINIMAL
PREPUTIAL GLANDS	BILATERAL	INFLAMMATION, CHRONIC	MILD
[INFLAMMATION, CHRONIC TGLS = 1-11,2-11,3-11,4-11]			

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 13	TRT#: F0-1	DOSE: 0 ppm	SEX: Male	REMOVAL DAY: SD224
GENERATION: F0			DISP: Scheduled Removal (Terminal)	HISTO: 4091

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	COAGULATING GLANDS	DORSAL PROSTATE
EPIDIDYMIDES	LIVER	SEMINAL VESICLES	SPLEEN
TESTES	THYMUS	THYROID GLANDS	VENTRAL PROSTATE

OBSERVATIONS

KIDNEYS		CHRONIC PROGRESSIVE NEPHROPATHY	MILD
PITUITARY GLAND	PARS DISTALIS	CYST	
SALIVARY GLANDS	BILATERAL	EDEMA	PERIGLANDULAR, MILD

[EDEMA TGLS = 1-11]

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 15	TRT#: F0-1	DOSE: 0 ppm	SEX: Male	REMOVAL DAY: SD224
GENERATION: F0			DISP: Scheduled Removal (Terminal)	HISTO: 4261

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	COAGULATING GLANDS	DORSAL PROSTATE
EPIDIDYMIDES	PITUITARY GLAND	SEMINAL VESICLES	SPLEEN
TESTES	THYMUS	THYROID GLANDS	

OBSERVATIONS

KIDNEYS		CHRONIC PROGRESSIVE NEPHROPATHY	MILD
LIVER		INFILTRATION	MONONUCLEAR CELL, MINIMAL
VENTRAL PROSTATE	BILATERAL	INFLAMMATION, CHRONIC	MINIMAL

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 17	TRT#: F0-1	DOSE: 0 ppm	SEX: Male	REMOVAL DAY: SD225
GENERATION: F0			DISP: Scheduled Removal (Terminal)	HISTO: 4115

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	COAGULATING GLANDS	DORSAL PROSTATE
EPIDIDYMIDES	LIVER	PITUITARY GLAND	SEMINAL VESICLES
SPLEEN	TESTES	THYMUS	THYROID GLANDS

OBSERVATIONS

KIDNEYS		CHRONIC PROGRESSIVE NEPHROPATHY	MILD
PREPUTIAL GLANDS	BILATERAL	INFLAMMATION, CHRONIC	MILD
[INFLAMMATION, CHRONIC TGLS = 1-11]			
VENTRAL PROSTATE	UNILATERAL	INFLAMMATION, ACUTE	MINIMAL

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 19	TRT#: F0-1	DOSE: 0 ppm	SEX: Male	REMOVAL DAY: SD225
GENERATION: F0			DISP: Scheduled Removal (Terminal)	HISTO: 4195

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	COAGULATING GLANDS	DORSAL PROSTATE
EPIDIDYMIDES	PITUITARY GLAND	SEMINAL VESICLES	SPLEEN
TESTES	THYMUS	THYROID GLANDS	VENTRAL PROSTATE

OBSERVATIONS

KIDNEYS	CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER	INFILTRATION	MONONUCLEAR CELL, MINIMAL
	INFLAMMATION	FOCAL, MINIMAL

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 21	TRT#: F0-1	DOSE: 0 ppm	SEX: Male	REMOVAL DAY: SD225
GENERATION: F0			DISP: Scheduled Removal (Terminal)	HISTO: 4167

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	COAGULATING GLANDS	DORSAL PROSTATE
EPIDIDYMIDES	LIVER	PITUITARY GLAND	SEMINAL VESICLES
SPLEEN	TESTES	THYMUS	THYROID GLANDS
VENTRAL PROSTATE			

OBSERVATIONS

KIDNEYS		CHRONIC PROGRESSIVE NEPHROPATHY	MILD
PREPUTIAL GLANDS	UNILATERAL	INFLAMMATION, CHRONIC	MINIMAL
[INFLAMMATION, CHRONIC TGLS = 1-11]			

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 23	TRT#: F0-1	DOSE: 0 ppm	SEX: Male	REMOVAL DAY: SD225
GENERATION: F0			DISP: Scheduled Removal (Terminal)	HISTO: 4141

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	COAGULATING GLANDS	DORSAL PROSTATE
EPIDIDYMIDES	PITUITARY GLAND	SEMINAL VESICLES	SPLEEN
TESTES	THYMUS	THYROID GLANDS	VENTRAL PROSTATE

OBSERVATIONS

DIAPHRAGM		HEPATODIAPHRAGMATIC NODULE	
[HEPATODIAPHRAGMATIC NODULE TGLS = 1-11]			
KIDNEYS		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER		HEPATODIAPHRAGMATIC NODULE	
[HEPATODIAPHRAGMATIC NODULE TGLS = 2-3A]			

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 25	TRT#: F0-1	DOSE: 0 ppm	SEX: Male	REMOVAL DAY: SD225
GENERATION: F0			DISP: Scheduled Removal (Terminal)	HISTO: 4217

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	COAGULATING GLANDS	DORSAL PROSTATE
EPIDIDYMIDES	LIVER	PITUITARY GLAND	SEMINAL VESICLES
SPLEEN	TESTES	THYROID GLANDS	VENTRAL PROSTATE

OBSERVATIONS

KIDNEYS	CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
THYMUS	HYPERPLASIA	EPITHELIAL, MINIMAL

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 27	TRT#: F0-1	DOSE: 0 ppm	SEX: Male	REMOVAL DAY: SD225
GENERATION: F0			DISP: Scheduled Removal (Terminal)	HISTO: 4103

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	COAGULATING GLANDS	DORSAL PROSTATE
EPIDIDYMIDES	KIDNEYS	LIVER	PITUITARY GLAND
SEMINAL VESICLES	SPLEEN	TESTES	THYMUS
THYROID GLANDS	VENTRAL PROSTATE		

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 29	TRT#: F0-1	DOSE: 0 ppm	SEX: Male	REMOVAL DAY: SD225
GENERATION: F0			DISP: Scheduled Removal (Terminal)	HISTO: 4147

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	COAGULATING GLANDS	DORSAL PROSTATE
EPIDIDYMIDES	LIVER	PITUITARY GLAND	SEMINAL VESICLES
SPLEEN	TESTES	THYMUS	THYROID GLANDS
VENTRAL PROSTATE			

OBSERVATIONS

KIDNEYS	CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
SKIN	NEURAL CREST TUMOR	MALIGNANT

[NEURAL CREST TUMOR TGLS = 1-11]

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 31	TRT#: F0-1	DOSE: 0 ppm	SEX: Male	REMOVAL DAY: SD226
GENERATION: F0			DISP: Scheduled Removal (Terminal)	HISTO: 4249

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	COAGULATING GLANDS	DORSAL PROSTATE
EPIDIDYMIDES	LIVER	PITUITARY GLAND	SEMINAL VESICLES
SPLEEN	TESTES	THYMUS	VENTRAL PROSTATE

OBSERVATIONS

KIDNEYS		CHRONIC PROGRESSIVE NEPHROPATHY	MILD
PREPUTIAL GLANDS	UNILATERAL	INFLAMMATION, CHRONIC	MILD
	UNILATERAL	INFLAMMATION, SUPPURATIVE	MODERATE
	[INFLAMMATION, CHRONIC TGLS = 1-11]		
	[INFLAMMATION, SUPPURATIVE TGLS = 2-12]		
THYROID GLANDS	C-CELL, UNILATERAL	HYPERPLASIA	MINIMAL

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 33	TRT#: F0-1	DOSE: 0 ppm	SEX: Male	REMOVAL DAY: SD191
GENERATION: F0			DISP: Euthanized Moribund	HISTO: 4163

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	COAGULATING GLANDS	DORSAL PROSTATE
EPIDIDYMIDES	LIVER	PITUITARY GLAND	SEMINAL VESICLES
SPLEEN	TESTES	THYMUS	THYROID GLANDS
VENTRAL PROSTATE			

MISSING

EYES

OBSERVATIONS

EYES	NO MICROSCOPIC FINDING RECORDED
[NO MICROSCOPIC FINDING RECORDED TGLS = 1-NCL]	
KIDNEYS	CHRONIC PROGRESSIVE NEPHROPATHY MILD

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 35	TRT#: F0-1	DOSE: 0 ppm	SEX: Male	REMOVAL DAY: SD226
GENERATION: F0			DISP: Scheduled Removal (Terminal)	HISTO: 4237

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	COAGULATING GLANDS	DORSAL PROSTATE
EPIDIDYMIDES	LIVER	PITUITARY GLAND	SEMINAL VESICLES
SPLEEN	TESTES	THYMUS	THYROID GLANDS
VENTRAL PROSTATE			

OBSERVATIONS

KIDNEYS		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
	PELVIS	MINERAL	LINEAR, MINIMAL

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 37	TRT#: F0-1	DOSE: 0 ppm	SEX: Male	REMOVAL DAY: SD226
GENERATION: F0			DISP: Scheduled Removal (Terminal)	HISTO: 4229

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	COAGULATING GLANDS	DORSAL PROSTATE
EPIDIDYMIDES	LIVER	PITUITARY GLAND	SEMINAL VESICLES
SPLEEN	TESTES	THYMUS	THYROID GLANDS

OBSERVATIONS

KIDNEYS		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
VENTRAL PROSTATE	BILATERAL	INFLAMMATION, CHRONIC	MILD

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 39	TRT#: F0-1	DOSE: 0 ppm	SEX: Male	REMOVAL DAY: SD226
GENERATION: F0			DISP: Scheduled Removal (Terminal)	HISTO: 4161

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	COAGULATING GLANDS	DORSAL PROSTATE
EPIDIDYMIDES	PITUITARY GLAND	SEMINAL VESICLES	TESTES
THYMUS	THYROID GLANDS	VENTRAL PROSTATE	

OBSERVATIONS

KIDNEYS	CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER	CLEAR CELL FOCUS	
SPLEEN	ACCESSORY NODULE	

[ACCESSORY NODULE TGLS = 1-3A]

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 41	TRT#: F0-1	DOSE: 0 ppm	SEX: Male	REMOVAL DAY: SD199
GENERATION: F0			DISP: Euthanized Moribund	HISTO: 4187

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	COAGULATING GLANDS	DORSAL PROSTATE
EPIDIDYMIDES	PITUITARY GLAND	SEMINAL VESICLES	SPLEEN
TESTES	THYMUS	THYROID GLANDS	VENTRAL PROSTATE

OBSERVATIONS

HEART	NO MICROSCOPIC CORRELATION	
[NO MICROSCOPIC CORRELATION TGLS = 1-12]		
KIDNEYS	CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER	NECROSIS	FOCAL, MINIMAL
LUNGS	NO MICROSCOPIC CORRELATION	
[NO MICROSCOPIC CORRELATION TGLS = 2-11]		

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 43	TRT#: F0-1	DOSE: 0 ppm	SEX: Male	REMOVAL DAY: SD226
GENERATION: F0			DISP: Scheduled Removal (Terminal)	HISTO: 4189

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	COAGULATING GLANDS	DORSAL PROSTATE
EPIDIDYMIDES	LIVER	PITUITARY GLAND	SEMINAL VESICLES
SPLEEN	TESTES	THYMUS	THYROID GLANDS
VENTRAL PROSTATE			

OBSERVATIONS

KIDNEYS		CHRONIC PROGRESSIVE NEPHROPATHY	MILD
PREPUTIAL GLANDS	UNILATERAL	INFLAMMATION, CHRONIC	MILD
[INFLAMMATION, CHRONIC TGLS = 1-11,2-11]			

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 45	TRT#: F0-2	DOSE: 5000 ppm	SEX: Male	REMOVAL DAY: SD224
GENERATION: F0			DISP: Scheduled Removal (Terminal)	HISTO: 4169

OBSERVATIONS

LIVER	INFILTRATION	MONONUCLEAR CELL, MINIMAL
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Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 47	TRT#: F0-2	DOSE: 5000 ppm	SEX: Male	REMOVAL DAY: SD224
GENERATION: F0			DISP: Scheduled Removal (Terminal)	HISTO: 4271

TISSUE STATUS

No Visible Lesions
LIVER

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 49	TRT#: F0-2	DOSE: 5000 ppm	SEX: Male	REMOVAL DAY: SD224
GENERATION: F0			DISP: Scheduled Removal (Terminal)	HISTO: 4223

TISSUE STATUS

No Visible Lesions
LIVER

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 51	TRT#: F0-2	DOSE: 5000 ppm	SEX: Male	REMOVAL DAY: SD224
GENERATION: F0			DISP: Scheduled Removal (Terminal)	HISTO: 4201

OBSERVATIONS

LIVER	INFILTRATION	MONONUCLEAR CELL, MINIMAL
	INFLAMMATION	FOCAL, MINIMAL

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 53	TRT#: F0-2	DOSE: 5000 ppm	SEX: Male	REMOVAL DAY: SD224
GENERATION: F0			DISP: Scheduled Removal (Terminal)	HISTO: 4213

OBSERVATIONS

LIVER CLEAR CELL FOCUS

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 55
GENERATION: F0

TRT#: F0-2

DOSE: 5000 ppm

SEX: Male

DISP: Scheduled Removal (Terminal)

REMOVAL DAY: SD224

HISTO: 4093

TISSUE STATUS

No Visible Lesions

LIVER

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 57	TRT#: F0-2	DOSE: 5000 ppm	SEX: Male	REMOVAL DAY: SD224
GENERATION: F0			DISP: Scheduled Removal (Terminal)	HISTO: 4097

TISSUE STATUS

No Visible Lesions
LIVER

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 59
GENERATION: F0

TRT#: F0-2

DOSE: 5000 ppm

SEX: Male

REMOVAL DAY: SD225

DISP: Scheduled Removal (Terminal)

HISTO: 4133

OBSERVATIONS

LIVER

CLEAR CELL FOCUS

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 61	TRT#: F0-2	DOSE: 5000 ppm	SEX: Male	REMOVAL DAY: SD225
GENERATION: F0			DISP: Scheduled Removal (Terminal)	HISTO: 4149

TISSUE STATUS

No Visible Lesions
LIVER

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 63	TRT#: F0-2	DOSE: 5000 ppm	SEX: Male	REMOVAL DAY: SD116
GENERATION: F0			DISP: Euthanized Moribund	HISTO: 4179

TISSUE STATUS

No Visible Lesions

ADRENAL MEDULLA	COAGULATING GLANDS	DORSAL PROSTATE	EPIDIDYMIDES
LIVER	PITUITARY GLAND	SEMINAL VESICLES	SPLEEN
TESTES	THYMUS	THYROID GLANDS	

OBSERVATIONS

ADRENAL CORTEX	UNILATERAL	VACUOLATION	CYTOPLASMIC, FOCAL, MINIMAL
KIDNEYS		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
PREPUTIAL GLANDS	UNILATERAL	INFLAMMATION, SUPPURATIVE	MARKED
[INFLAMMATION, SUPPURATIVE TGLS = 1-11]			
VENTRAL PROSTATE	BILATERAL	INFLAMMATION, CHRONIC	MINIMAL

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 65	TRT#: F0-2	DOSE: 5000 ppm	SEX: Male	REMOVAL DAY: SD225
GENERATION: F0			DISP: Scheduled Removal (Terminal)	HISTO: 4113

TISSUE STATUS

No Visible Lesions

LIVER

OBSERVATIONS

PREPUTIAL GLANDS	BILATERAL	INFLAMMATION, CHRONIC	ACTIVE, MILD
[INFLAMMATION, CHRONIC TGLS = 1-11]			

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 67	TRT#: F0-2	DOSE: 5000 ppm	SEX: Male	REMOVAL DAY: SD225
GENERATION: F0			DISP: Scheduled Removal (Terminal)	HISTO: 4293

OBSERVATIONS

LIVER	BILE DUCT	HYPERPLASIA PIGMENT	MINIMAL MILD
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[PIGMENT TGLS = 1-3A,2-3A,3-3A]

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 69	TRT#: F0-2	DOSE: 5000 ppm	SEX: Male	REMOVAL DAY: SD225
GENERATION: F0			DISP: Scheduled Removal (Terminal)	HISTO: 4191

TISSUE STATUS

No Visible Lesions

LIVER

OBSERVATIONS

PREPUTIAL GLANDS	BILATERAL	INFLAMMATION, CHRONIC	MILD
[INFLAMMATION, CHRONIC TGLS = 1-11]			

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 71	TRT#: F0-2	DOSE: 5000 ppm	SEX: Male	REMOVAL DAY: SD225
GENERATION: F0			DISP: Scheduled Removal (Terminal)	HISTO: 4269

TISSUE STATUS

No Visible Lesions
LIVER

OBSERVATIONS

THYMUS

NO MICROSCOPIC CORRELATION

[NO MICROSCOPIC CORRELATION TGLS = 1-1]

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 73	TRT#: F0-2	DOSE: 5000 ppm	SEX: Male	REMOVAL DAY: SD226
GENERATION: F0			DISP: Scheduled Removal (Terminal)	HISTO: 4171

TISSUE STATUS

No Visible Lesions

LIVER

OBSERVATIONS

PREPUTIAL GLANDS	UNILATERAL	INFLAMMATION, CHRONIC	ACTIVE, MILD
[INFLAMMATION, CHRONIC TGLS = 1-11]			

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 75	TRT#: F0-2	DOSE: 5000 ppm	SEX: Male	REMOVAL DAY: SD226
GENERATION: F0			DISP: Scheduled Removal (Terminal)	HISTO: 4121

TISSUE STATUS

No Visible Lesions
LIVER

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 77	TRT#: F0-2	DOSE: 5000 ppm	SEX: Male	REMOVAL DAY: SD226
GENERATION: F0			DISP: Scheduled Removal (Terminal)	HISTO: 4083

OBSERVATIONS

KIDNEYS	CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
	NO MICROSCOPIC CORRELATION	

[NO MICROSCOPIC CORRELATION TGLS = 1-2]

LIVER	CLEAR CELL FOCUS	
	INFLAMMATION	FOCAL, MINIMAL

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 79	TRT#: F0-2	DOSE: 5000 ppm	SEX: Male	REMOVAL DAY: SD226
GENERATION: F0			DISP: Scheduled Removal (Terminal)	HISTO: 4155

TISSUE STATUS

No Visible Lesions

LIVER

OBSERVATIONS

KIDNEYS	CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
	NO MICROSCOPIC CORRELATION	

[NO MICROSCOPIC CORRELATION TGLS = 1-2]

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 81	TRT#: F0-2	DOSE: 5000 ppm	SEX: Male	REMOVAL DAY: SD226
GENERATION: F0			DISP: Scheduled Removal (Terminal)	HISTO: 4281

TISSUE STATUS

No Visible Lesions
LIVER

OBSERVATIONS

KIDNEYS	CHRONIC PROGRESSIVE NEPHROPATHY	MILD
[CHRONIC PROGRESSIVE NEPHROPATHY TGLS = 1-2]		

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 83	TRT#: F0-2	DOSE: 5000 ppm	SEX: Male	REMOVAL DAY: SD226
GENERATION: F0			DISP: Scheduled Removal (Terminal)	HISTO: 4209

TISSUE STATUS

No Visible Lesions

LIVER

OBSERVATIONS

PREPUTIAL GLANDS	BILATERAL	INFLAMMATION, CHRONIC	ACTIVE, MODERATE
[INFLAMMATION, CHRONIC TGLS = 1-11,2-11]			

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 85	TRT#: F0-2	DOSE: 5000 ppm	SEX: Male	REMOVAL DAY: SD226
GENERATION: F0			DISP: Scheduled Removal (Terminal)	HISTO: 4219

TISSUE STATUS

No Visible Lesions
LIVER

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 87	TRT#: F0-2	DOSE: 5000 ppm	SEX: Male	REMOVAL DAY: SD226
GENERATION: F0			DISP: Scheduled Removal (Terminal)	HISTO: 4225

TISSUE STATUS

No Visible Lesions
LIVER

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 89	TRT#: F0-3	DOSE: 15000 ppm	SEX: Male	REMOVAL DAY: SD224
GENERATION: F0			DISP: Scheduled Removal (Terminal)	HISTO: 4135

OBSERVATIONS

LIVER	INFILTRATION	MONONUCLEAR CELL, MINIMAL
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Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 91	TRT#: F0-3	DOSE: 15000 ppm	SEX: Male	REMOVAL DAY: SD224
GENERATION: F0			DISP: Scheduled Removal (Terminal)	HISTO: 4279

OBSERVATIONS

LIVER

CLEAR CELL FOCUS
INFILTRATION

MONONUCLEAR CELL, MINIMAL

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 93	TRT#: F0-3	DOSE: 15000 ppm	SEX: Male	REMOVAL DAY: SD224
GENERATION: F0			DISP: Scheduled Removal (Terminal)	HISTO: 4175

OBSERVATIONS

LIVER	INFILTRATION	MONONUCLEAR CELL, MINIMAL
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Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 95	TRT#: F0-3	DOSE: 15000 ppm	SEX: Male	REMOVAL DAY: SD224
GENERATION: F0			DISP: Scheduled Removal (Terminal)	HISTO: 4181

OBSERVATIONS

LIVER	INFILTRATION	MONONUCLEAR CELL, MINIMAL
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Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 97	TRT#: F0-3	DOSE: 15000 ppm	SEX: Male	REMOVAL DAY: SD224
GENERATION: F0			DISP: Scheduled Removal (Terminal)	HISTO: 4255

TISSUE STATUS

No Visible Lesions
LIVER

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 99	TRT#: F0-3	DOSE: 15000 ppm	SEX: Male	REMOVAL DAY: SD224
GENERATION: F0			DISP: Scheduled Removal (Terminal)	HISTO: 4177

OBSERVATIONS

LIVER	HEPATOCTE	INFILTRATION VACUOLATION	MONONUCLEAR CELL, MINIMAL CYTOPLASMIC, MINIMAL
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Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 101	TRT#: F0-3	DOSE: 15000 ppm	SEX: Male	REMOVAL DAY: SD224
GENERATION: F0			DISP: Scheduled Removal (Terminal)	HISTO: 4221

OBSERVATIONS

LIVER	HEPATOCTE	INFILTRATION VACUOLATION	MONONUCLEAR CELL, MINIMAL CYTOPLASMIC, MINIMAL
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Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 103	TRT#: F0-3	DOSE: 15000 ppm	SEX: Male	REMOVAL DAY: SD225
GENERATION: F0			DISP: Scheduled Removal (Terminal)	HISTO: 4101

OBSERVATIONS

LIVER	INFILTRATION	MONONUCLEAR CELL, MINIMAL
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Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 105	TRT#: F0-3	DOSE: 15000 ppm	SEX: Male	REMOVAL DAY: SD225
GENERATION: F0			DISP: Scheduled Removal (Terminal)	HISTO: 4165

OBSERVATIONS

LIVER	INFILTRATION	MONONUCLEAR CELL, MINIMAL
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Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 107	TRT#: F0-3	DOSE: 15000 ppm	SEX: Male	REMOVAL DAY: SD225
GENERATION: F0			DISP: Scheduled Removal (Terminal)	HISTO: 4267

OBSERVATIONS

LIVER	HEPATOCTE	INFILTRATION VACUOLATION	MONONUCLEAR CELL, MINIMAL CYTOPLASMIC, MINIMAL
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Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 109	TRT#: F0-3	DOSE: 15000 ppm	SEX: Male	REMOVAL DAY: SD225
GENERATION: F0			DISP: Scheduled Removal (Terminal)	HISTO: 4285

OBSERVATIONS

LIVER	INFILTRATION	MONONUCLEAR CELL, MINIMAL
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Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 111	TRT#: F0-3	DOSE: 15000 ppm	SEX: Male	REMOVAL DAY: SD225
GENERATION: F0			DISP: Scheduled Removal (Terminal)	HISTO: 4145

OBSERVATIONS

LIVER	HEPATOCTE	VACUOLATION	CYTOPLASMIC, MINIMAL
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Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 113	TRT#: F0-3	DOSE: 15000 ppm	SEX: Male	REMOVAL DAY: SD225
GENERATION: F0			DISP: Scheduled Removal (Terminal)	HISTO: 4131

OBSERVATIONS

LIVER	HEPATOCTE	INFILTRATION VACUOLATION	MONONUCLEAR CELL, MINIMAL CYTOPLASMIC, MINIMAL
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Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 115	TRT#: F0-3	DOSE: 15000 ppm	SEX: Male	REMOVAL DAY: SD225
GENERATION: F0			DISP: Scheduled Removal (Terminal)	HISTO: 4153

OBSERVATIONS

LIVER		INFILTRATION	MONONUCLEAR CELL, MINIMAL
	HEPATOCTE	VACUOLATION	CYTOPLASMIC, MINIMAL
MESENTERY		NO MICROSCOPIC CORRELATION	
[NO MICROSCOPIC CORRELATION TGLS = 1-11]			

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 117	TRT#: F0-3	DOSE: 15000 ppm	SEX: Male	REMOVAL DAY: SD226
GENERATION: F0			DISP: Scheduled Removal (Terminal)	HISTO: 4273

OBSERVATIONS

LIVER	BILE DUCT	HYPERPLASIA	MINIMAL
		INFILTRATION	MONONUCLEAR CELL, MINIMAL
	HEPATOCYTE	VACUOLATION	CYTOPLASMIC, MINIMAL
PREPUTIAL GLANDS		NO MICROSCOPIC CORRELATION	
[NO MICROSCOPIC CORRELATION TGLS = 1-11]			

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 119	TRT#: F0-3	DOSE: 15000 ppm	SEX: Male	REMOVAL DAY: SD226
GENERATION: F0			DISP: Scheduled Removal (Terminal)	HISTO: 4197

TISSUE STATUS

No Visible Lesions

LIVER

OBSERVATIONS

PREPUTIAL GLANDS	BILATERAL	INFLAMMATION, CHRONIC	ACTIVE, MILD
[INFLAMMATION, CHRONIC TGLS = 1-11]			

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 121	TRT#: F0-3	DOSE: 15000 ppm	SEX: Male	REMOVAL DAY: SD226
GENERATION: F0			DISP: Scheduled Removal (Terminal)	HISTO: 4119

OBSERVATIONS

LIVER		INFILTRATION	MONONUCLEAR CELL, MINIMAL
PREPUTIAL GLANDS	BILATERAL	INFLAMMATION, CHRONIC	MILD
[INFLAMMATION, CHRONIC TGLS = 1-11,2-11]			

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 123	TRT#: F0-3	DOSE: 15000 ppm	SEX: Male	REMOVAL DAY: SD226
GENERATION: F0			DISP: Scheduled Removal (Terminal)	HISTO: 4159

OBSERVATIONS

LIVER	HEPATOCTE	INFILTRATION VACUOLATION	MONONUCLEAR CELL, MINIMAL CYTOPLASMIC, MINIMAL
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Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 125	TRT#: F0-3	DOSE: 15000 ppm	SEX: Male	REMOVAL DAY: SD226
GENERATION: F0			DISP: Scheduled Removal (Terminal)	HISTO: 4277

OBSERVATIONS

LIVER		INFILTRATION	MONONUCLEAR CELL, MINIMAL
	HEPATOCYTE	VACUOLATION	CYTOPLASMIC, MINIMAL
PREPUTIAL GLANDS	UNILATERAL	INFLAMMATION, CHRONIC	MINIMAL
[INFLAMMATION, CHRONIC TGLS = 1-11]			

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 127	TRT#: F0-3	DOSE: 15000 ppm	SEX: Male	REMOVAL DAY: SD226
GENERATION: F0			DISP: Scheduled Removal (Terminal)	HISTO: 4095

OBSERVATIONS

LIVER	HEPATOCTE	INFILTRATION VACUOLATION	MONONUCLEAR CELL, MINIMAL CYTOPLASMIC, MINIMAL
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Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 129	TRT#: F0-3	DOSE: 15000 ppm	SEX: Male	REMOVAL DAY: SD116
GENERATION: F0			DISP: Euthanized Moribund	HISTO: 4253

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	COAGULATING GLANDS	DORSAL PROSTATE
EPIDIDYMIDES	PITUITARY GLAND	SEMINAL VESICLES	TESTES
THYMUS	THYROID GLANDS	VENTRAL PROSTATE	

OBSERVATIONS

KIDNEYS		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
	RENAL TUBULE, BILATERAL	DILATION	MINIMAL
LIVER	BILE DUCT	HYPERPLASIA	MINIMAL
		INFILTRATION	MONONUCLEAR CELL, MINIMAL
SPLEEN	FOLLICLE	ATROPHY	LYMPHOID, MILD

[ATROPHY TGLS = 1-3]

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 131	TRT#: F0-3	DOSE: 15000 ppm	SEX: Male	REMOVAL DAY: SD226
GENERATION: F0			DISP: Scheduled Removal (Terminal)	HISTO: 4127

OBSERVATIONS

LIVER	HEPATOCTE	INFILTRATION VACUOLATION	MONONUCLEAR CELL, MINIMAL CYTOPLASMIC, MINIMAL
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Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 133	TRT#: F0-4	DOSE: 40000 ppm	SEX: Male	REMOVAL DAY: SD224
GENERATION: F0			DISP: Scheduled Removal (Terminal)	HISTO: 4185

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	COAGULATING GLANDS	EPIDIDYMIDES
PITUITARY GLAND	SEMINAL VESICLES	SPLEEN	TESTES
THYMUS	THYROID GLANDS	VENTRAL PROSTATE	

OBSERVATIONS

DORSAL PROSTATE	UNILATERAL	INFLAMMATION, ACUTE	MINIMAL
KIDNEYS		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER		INFILTRATION	MONONUCLEAR CELL, MINIMAL
	HEPATOCYTE	VACUOLATION	CYTOPLASMIC, MINIMAL

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 135	TRT#: F0-4	DOSE: 40000 ppm	SEX: Male	REMOVAL DAY: SD224
GENERATION: F0			DISP: Scheduled Removal (Terminal)	HISTO: 4137

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	COAGULATING GLANDS	DORSAL PROSTATE
EPIDIDYMIDES	PITUITARY GLAND	SEMINAL VESICLES	SPLEEN
TESTES	THYMUS	THYROID GLANDS	

OBSERVATIONS

KIDNEYS		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER		INFILTRATION	MONONUCLEAR CELL, MINIMAL
	HEPATOCTYCE	VACUOLATION	CYTOPLASMIC, MINIMAL
VENTRAL PROSTATE	BILATERAL	INFLAMMATION, CHRONIC	MINIMAL

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 137	TRT#: F0-4	DOSE: 40000 ppm	SEX: Male	REMOVAL DAY: SD224
GENERATION: F0			DISP: Scheduled Removal (Terminal)	HISTO: 4109

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	COAGULATING GLANDS	DORSAL PROSTATE
EPIDIDYMIDES	PITUITARY GLAND	SEMINAL VESICLES	SPLEEN
TESTES	THYMUS	THYROID GLANDS	VENTRAL PROSTATE

OBSERVATIONS

KIDNEYS		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER		INFILTRATION	MONONUCLEAR CELL, MINIMAL
		INFLAMMATION	FOCAL, MINIMAL
	HEPATOCYTE	MITOSIS, INCREASED	MINIMAL
	HEPATOCYTE	VACUOLATION	CYTOPLASMIC, MINIMAL

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 139	TRT#: F0-4	DOSE: 40000 ppm	SEX: Male	REMOVAL DAY: SD224
GENERATION: F0			DISP: Scheduled Removal (Terminal)	HISTO: 4295

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	COAGULATING GLANDS	DORSAL PROSTATE
EPIDIDYMIDES	PITUITARY GLAND	SEMINAL VESICLES	SPLEEN
TESTES	THYMUS	THYROID GLANDS	VENTRAL PROSTATE

OBSERVATIONS

KIDNEYS		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER		INFILTRATION	MONONUCLEAR CELL, MINIMAL
		INFLAMMATION	FOCAL, MINIMAL
	HEPATOCYTE	VACUOLATION	CYTOPLASMIC, MINIMAL

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 141	TRT#: F0-4	DOSE: 40000 ppm	SEX: Male	REMOVAL DAY: SD224
GENERATION: F0			DISP: Scheduled Removal (Terminal)	HISTO: 4275

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	COAGULATING GLANDS	DORSAL PROSTATE
EPIDIDYMIDES	PITUITARY GLAND	SEMINAL VESICLES	SPLEEN
TESTES	THYROID GLANDS	VENTRAL PROSTATE	

OBSERVATIONS

KIDNEYS		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER		INFILTRATION	MONONUCLEAR CELL, MINIMAL
	HEPATOCTE	MITOSIS, INCREASED	MINIMAL
	HEPATOCTE	VACUOLATION	CYTOPLASMIC, MINIMAL
SKIN		INFLAMMATION, CHRONIC	MODERATE
	[INFLAMMATION, CHRONIC TGLS = 1-11,2-11]		
THYMUS		HYPERPLASIA	EPITHELIAL, MINIMAL

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 143	TRT#: F0-4	DOSE: 40000 ppm	SEX: Male	REMOVAL DAY: SD224
GENERATION: F0			DISP: Scheduled Removal (Terminal)	HISTO: 4291

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	COAGULATING GLANDS	DORSAL PROSTATE
EPIDIDYMIDES	PITUITARY GLAND	SEMINAL VESICLES	SPLEEN
TESTES	THYMUS	THYROID GLANDS	VENTRAL PROSTATE

OBSERVATIONS

KIDNEYS		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER		CLEAR CELL FOCUS	
		INFILTRATION	MONONUCLEAR CELL, MINIMAL
	HEPATOCTE	VACUOLATION	CYTOPLASMIC, MINIMAL
PREPUTIAL GLANDS	BILATERAL	INFLAMMATION, CHRONIC	MILD
[INFLAMMATION, CHRONIC TGLS = 1-11]			

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 145	TRT#: F0-4	DOSE: 40000 ppm	SEX: Male	REMOVAL DAY: SD224
GENERATION: F0			DISP: Scheduled Removal (Terminal)	HISTO: 4215

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	COAGULATING GLANDS	DORSAL PROSTATE
EPIDIDYMIDES	PITUITARY GLAND	SEMINAL VESICLES	SPLEEN
TESTES	THYMUS	THYROID GLANDS	VENTRAL PROSTATE

OBSERVATIONS

KIDNEYS		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER		CLEAR CELL FOCUS	
		INFILTRATION	MONONUCLEAR CELL, MINIMAL
	HEPATOCYTE	VACUOLATION	CYTOPLASMIC, MINIMAL
PREPUTIAL GLANDS	BILATERAL	INFLAMMATION, CHRONIC	MILD
[INFLAMMATION, CHRONIC TGLS = 1-11,2,11]			

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 147	TRT#: F0-4	DOSE: 40000 ppm	SEX: Male	REMOVAL DAY: SD225
GENERATION: F0			DISP: Scheduled Removal (Terminal)	HISTO: 4117

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	COAGULATING GLANDS	DORSAL PROSTATE
PITUITARY GLAND	SEMINAL VESICLES	SPLEEN	THYROID GLANDS
VENTRAL PROSTATE			

OBSERVATIONS

EPIDIDYMIDES [HYOSPERMIA TGLS = 1-8]		HYOSPERMIA	MARKED
KIDNEYS		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER		INFILTRATION	MONONUCLEAR CELL, MINIMAL
	HEPATOCTE	VACUOLATION	CYTOPLASMIC, MINIMAL
TESTES [ATROPHY TGLS = 2-8]	GERMINAL EPITHELIUM	ATROPHY	MARKED
THYMUS		HYPERPLASIA	EPITHELIAL, MINIMAL

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 149	TRT#: F0-4	DOSE: 40000 ppm	SEX: Male	REMOVAL DAY: SD225
GENERATION: F0			DISP: Scheduled Removal (Terminal)	HISTO: 4173

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	COAGULATING GLANDS	DORSAL PROSTATE
EPIDIDYMIDES	PITUITARY GLAND	SEMINAL VESICLES	SPLEEN
TESTES	THYMUS	THYROID GLANDS	VENTRAL PROSTATE

OBSERVATIONS

KIDNEYS		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER		INFILTRATION	MONONUCLEAR CELL, MINIMAL
	HEPATOCTE	VACUOLATION	CYTOPLASMIC, MINIMAL
MESENTERY		ACCESSORY SPLEEN	

[ACCESSORY SPLEEN TGLS = 1-11]

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 151	TRT#: F0-4	DOSE: 40000 ppm	SEX: Male	REMOVAL DAY: SD225
GENERATION: F0			DISP: Scheduled Removal (Terminal)	HISTO: 4241

TISSUE STATUS

No Visible Lesions

ADRENAL MEDULLA	COAGULATING GLANDS	DORSAL PROSTATE	EPIDIDYMIDES
PITUITARY GLAND	SEMINAL VESICLES	SPLEEN	TESTES
THYMUS	THYROID GLANDS	VENTRAL PROSTATE	

OBSERVATIONS

ADRENAL CORTEX	UNILATERAL	HYPERTROPHY	MINIMAL
KIDNEYS		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER		INFILTRATION	MONONUCLEAR CELL, MINIMAL
	HEPATOCYTE	VACUOLATION	CYTOPLASMIC, MILD

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 153	TRT#: F0-4	DOSE: 40000 ppm	SEX: Male	REMOVAL DAY: SD225
GENERATION: F0			DISP: Scheduled Removal (Terminal)	HISTO: 4123

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	COAGULATING GLANDS	DORSAL PROSTATE
EPIDIDYMIDES	PITUITARY GLAND	SEMINAL VESICLES	SPLEEN
TESTES	THYROID GLANDS	VENTRAL PROSTATE	

MISSING

THYMUS

OBSERVATIONS

KIDNEYS		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER		INFILTRATION	MONONUCLEAR CELL, MINIMAL
	HEPATOCTYCE	VACUOLATION	CYTOPLASMIC, MINIMAL

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 155	TRT#: F0-4	DOSE: 40000 ppm	SEX: Male	REMOVAL DAY: SD225
GENERATION: F0			DISP: Scheduled Removal (Terminal)	HISTO: 4289

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	COAGULATING GLANDS	DORSAL PROSTATE
EPIDIDYMIDES	PITUITARY GLAND	SEMINAL VESICLES	SPLEEN
TESTES	THYMUS	THYROID GLANDS	VENTRAL PROSTATE

OBSERVATIONS

KIDNEYS		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER		INFILTRATION	MONONUCLEAR CELL, MINIMAL
	HEPATOCYTE	VACUOLATION	CYTOPLASMIC, MINIMAL

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 157	TRT#: F0-4	DOSE: 40000 ppm	SEX: Male	REMOVAL DAY: SD225
GENERATION: F0			DISP: Scheduled Removal (Terminal)	HISTO: 4151

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	COAGULATING GLANDS	DORSAL PROSTATE
EPIDIDYMIDES	PITUITARY GLAND	SEMINAL VESICLES	SPLEEN
TESTES	THYMUS	THYROID GLANDS	VENTRAL PROSTATE

OBSERVATIONS

KIDNEYS		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER		INFILTRATION	MONONUCLEAR CELL, MINIMAL
	HEPATOCYTE	VACUOLATION	CYTOPLASMIC, MILD

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 159	TRT#: F0-4	DOSE: 40000 ppm	SEX: Male	REMOVAL DAY: SD225
GENERATION: F0			DISP: Scheduled Removal (Terminal)	HISTO: 4129

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	COAGULATING GLANDS	DORSAL PROSTATE
EPIDIDYMIDES	PITUITARY GLAND	SEMINAL VESICLES	SPLEEN
TESTES	THYMUS	THYROID GLANDS	VENTRAL PROSTATE

OBSERVATIONS

KIDNEYS		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER		INFILTRATION	MONONUCLEAR CELL, MINIMAL
	HEPATOCYTE	VACUOLATION	CYTOPLASMIC, MILD

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 161	TRT#: F0-4	DOSE: 40000 ppm	SEX: Male	REMOVAL DAY: SD225
GENERATION: F0			DISP: Scheduled Removal (Terminal)	HISTO: 4099

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	COAGULATING GLANDS	DORSAL PROSTATE
EPIDIDYMIDES	PITUITARY GLAND	SEMINAL VESICLES	SPLEEN
TESTES	THYMUS	VENTRAL PROSTATE	

OBSERVATIONS

KIDNEYS		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER		INFILTRATION	MONONUCLEAR CELL, MINIMAL
	HEPATOCTE	MITOSIS, INCREASED	MINIMAL
	HEPATOCTE	VACUOLATION	CYTOPLASMIC, MINIMAL
PREPUTIAL GLANDS	BILATERAL	INFLAMMATION, SUPPURATIVE	MODERATE
[INFLAMMATION, SUPPURATIVE TGLS = 1-11,2-11,3-11]			
THYROID GLANDS	C-CELL, UNILATERAL	HYPERPLASIA	MILD

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 163	TRT#: F0-4	DOSE: 40000 ppm	SEX: Male	REMOVAL DAY: SD226
GENERATION: F0			DISP: Scheduled Removal (Terminal)	HISTO: 4287

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	COAGULATING GLANDS	DORSAL PROSTATE
EPIDIDYMIDES	PITUITARY GLAND	SEMINAL VESICLES	SPLEEN
TESTES	THYMUS	THYROID GLANDS	VENTRAL PROSTATE

OBSERVATIONS

KIDNEYS		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER		INFILTRATION	MONONUCLEAR CELL, MINIMAL
		INFLAMMATION	FOCAL, MINIMAL
	HEPATOCYTE	VACUOLATION	CYTOPLASMIC, MILD
PREPUTIAL GLANDS	UNILATERAL	INFLAMMATION, CHRONIC	MILD
[INFLAMMATION, CHRONIC TGLS = 1-11]			

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 165	TRT#: F0-4	DOSE: 40000 ppm	SEX: Male	REMOVAL DAY: SD226
GENERATION: F0			DISP: Scheduled Removal (Terminal)	HISTO: 4157

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	COAGULATING GLANDS	DORSAL PROSTATE
EPIDIDYMIDES	PITUITARY GLAND	SEMINAL VESICLES	SPLEEN
TESTES	THYMUS	THYROID GLANDS	VENTRAL PROSTATE

OBSERVATIONS

KIDNEYS		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER		INFILTRATION	MONONUCLEAR CELL, MINIMAL
	HEPATOCYTE	VACUOLATION	CYTOPLASMIC, MINIMAL

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 167	TRT#: F0-4	DOSE: 40000 ppm	SEX: Male	REMOVAL DAY: SD226
GENERATION: F0			DISP: Scheduled Removal (Terminal)	HISTO: 4085

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	COAGULATING GLANDS	DORSAL PROSTATE
EPIDIDYMIDES	PITUITARY GLAND	SEMINAL VESICLES	SPLEEN
TESTES	THYMUS	THYROID GLANDS	VENTRAL PROSTATE

OBSERVATIONS

KIDNEYS		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER		INFILTRATION	MONONUCLEAR CELL, MINIMAL
	HEPATOCTYTE	VACUOLATION	CYTOPLASMIC, MINIMAL
PREPUTIAL GLANDS	BILATERAL	INFLAMMATION, CHRONIC	MINIMAL
[INFLAMMATION, CHRONIC TGLS = 1-11]			

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 169	TRT#: F0-4	DOSE: 40000 ppm	SEX: Male	REMOVAL DAY: SD226
GENERATION: F0			DISP: Scheduled Removal (Terminal)	HISTO: 4111

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	COAGULATING GLANDS	DORSAL PROSTATE
EPIDIDYMIDES	PITUITARY GLAND	SEMINAL VESICLES	SPLEEN
TESTES	THYMUS	THYROID GLANDS	VENTRAL PROSTATE

OBSERVATIONS

KIDNEYS		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER		INFILTRATION	MONONUCLEAR CELL, MINIMAL
	HEPATOCYTE	VACUOLATION	CYTOPLASMIC, MILD
PREPUTIAL GLANDS	UNILATERAL	INFLAMMATION, SUPPURATIVE	MILD
[INFLAMMATION, SUPPURATIVE TGLS = 1-11]			

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 171	TRT#: F0-4	DOSE: 40000 ppm	SEX: Male	REMOVAL DAY: SD226
GENERATION: F0			DISP: Scheduled Removal (Terminal)	HISTO: 4081

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	COAGULATING GLANDS	DORSAL PROSTATE
EPIDIDYMIDES	PITUITARY GLAND	SEMINAL VESICLES	SPLEEN
TESTES	THYMUS	THYROID GLANDS	VENTRAL PROSTATE

OBSERVATIONS

KIDNEYS		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER		INFILTRATION	MONONUCLEAR CELL, MINIMAL
	HEPATOCYTE	VACUOLATION	CYTOPLASMIC, MINIMAL
PREPUTIAL GLANDS	BILATERAL	INFLAMMATION, CHRONIC	MILD
[INFLAMMATION, CHRONIC TGLS = 1-11]			

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 173	TRT#: F0-4	DOSE: 40000 ppm	SEX: Male	REMOVAL DAY: SD226
GENERATION: F0			DISP: Scheduled Removal (Terminal)	HISTO: 4239

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	COAGULATING GLANDS	DORSAL PROSTATE
EPIDIDYMIDES	PITUITARY GLAND	SEMINAL VESICLES	SPLEEN
TESTES	THYMUS	THYROID GLANDS	VENTRAL PROSTATE

OBSERVATIONS

KIDNEYS		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER		INFILTRATION	MONONUCLEAR CELL, MINIMAL
	HEPATOCTE	VACUOLATION	CYTOPLASMIC, MILD

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 175	TRT#: F0-4	DOSE: 40000 ppm	SEX: Male	REMOVAL DAY: SD226
GENERATION: F0			DISP: Scheduled Removal (Terminal)	HISTO: 4207

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	COAGULATING GLANDS	DORSAL PROSTATE
EPIDIDYMIDES	SEMINAL VESICLES	SPLEEN	TESTES
THYMUS	THYROID GLANDS	VENTRAL PROSTATE	

OBSERVATIONS

KIDNEYS		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER		INFILTRATION	MONONUCLEAR CELL, MINIMAL
	HEPATOCTE	VACUOLATION	CYTOPLASMIC, MINIMAL
PITUITARY GLAND	PARS NERVOSA	DEVELOPMENTAL MALFORMATION	
	PARS DISTALIS	HYPERPLASIA	MINIMAL
PREPUTIAL GLANDS	UNILATERAL	INFLAMMATION, CHRONIC	ACTIVE, MILD
[INFLAMMATION, CHRONIC TGLS = 1-11]			

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 2	TRT#: F0-1	DOSE: 0 ppm	SEX: Female	REMOVAL DAY: SD218
GENERATION: F0			DISP: Scheduled Removal (Terminal)	HISTO: 4178

TISSUE STATUS

No Visible Lesions

ADRENAL MEDULLA	CERVIX	LIVER	OVARIES
PITUITARY GLAND	SPLEEN	THYMUS	THYROID GLANDS
VAGINA			

OBSERVATIONS

ADRENAL CORTEX	UNILATERAL	HYPERTROPHY	FOCAL, MINIMAL
KIDNEYS		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
	CORTICOMEDULLARY JUNCTION	MINERAL	FOCAL, MINIMAL
MAMMARY GLANDS		FIBROADENOMA	
[FIBROADENOMA TGLS = 1-11]			
UTERUS	ENDOMETRIUM	METAPLASIA	SQUAMOUS, MILD

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 4	TRT#: F0-1	DOSE: 0 ppm	SEX: Female	REMOVAL DAY: SD149
GENERATION: F0			DISP: Unscheduled Sacrifice	HISTO: 4192

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	CERVIX	LIVER
OVARIES	PITUITARY GLAND	SPLEEN	THYROID GLANDS
UTERUS	VAGINA		

OBSERVATIONS

KIDNEYS		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
	RENAL TUBULE, BILATERAL	DILATION	MILD
	PELVIS	MINERAL	MINIMAL
MAMMARY GLANDS		INFLAMMATION, ACUTE	MILD
[INFLAMMATION, ACUTE TGLS = 1-11,2-12]			
THYMUS		HYPERPLASIA	EPITHELIAL, MINIMAL

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 6	TRT#: F0-1	DOSE: 0 ppm	SEX: Female	REMOVAL DAY: SD218
GENERATION: F0			DISP: Scheduled Removal (Terminal)	HISTO: 4140

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX
SPLEEN
VAGINA

ADRENAL MEDULLA
THYMUS

CERVIX
THYROID GLANDS

PITUITARY GLAND
UTERUS

OBSERVATIONS

KIDNEYS
LIVER
OVARIES

FOLLICLE, UNILATERAL

CHRONIC PROGRESSIVE NEPHROPATHY
INFILTRATION
CYST

MINIMAL
MONONUCLEAR CELL, MINIMAL

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 8	TRT#: F0-1	DOSE: 0 ppm	SEX: Female	REMOVAL DAY: SD218
GENERATION: F0			DISP: Scheduled Removal (Terminal)	HISTO: 4148

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	CERVIX	LIVER
OVARIES	PITUITARY GLAND	SPLEEN	THYMUS
THYROID GLANDS	VAGINA		

OBSERVATIONS

KIDNEYS		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
UTERUS		HYPERPLASIA, ATYPICAL	MINIMAL
	ENDOMETRIUM	METAPLASIA	SQUAMOUS, MINIMAL

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 10	TRT#: F0-1	DOSE: 0 ppm	SEX: Female	REMOVAL DAY: SD218
GENERATION: F0			DISP: Scheduled Removal (Terminal)	HISTO: 4190

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	CERVIX	LIVER
PITUITARY GLAND	SPLEEN	THYMUS	THYROID GLANDS
UTERUS	VAGINA		

OBSERVATIONS

KIDNEYS		CHRONIC PROGRESSIVE NEPHROPATHY	MILD
OVARIES	FOLLICLE, UNILATERAL	CYST	

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 12	TRT#: F0-1	DOSE: 0 ppm	SEX: Female	REMOVAL DAY: SD218
GENERATION: F0			DISP: Scheduled Removal (Terminal)	HISTO: 4166

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	CERVIX	LIVER
OVARIES	PITUITARY GLAND	SPLEEN	THYMUS
THYROID GLANDS	VAGINA		

OBSERVATIONS

KIDNEYS		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
UTERUS	ENDOMETRIUM	METAPLASIA	SQUAMOUS, MINIMAL

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 14	TRT#: F0-1	DOSE: 0 ppm	SEX: Female	REMOVAL DAY: SD218
GENERATION: F0			DISP: Scheduled Removal (Terminal)	HISTO: 4184

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	CERVIX	LIVER
PITUITARY GLAND	SPLEEN	THYMUS	THYROID GLANDS
UTERUS	VAGINA		

OBSERVATIONS

KIDNEYS		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
	CORTICOMEDULLARY JUNCTION	MINERAL	FOCAL, MINIMAL
OVARIES	FOLLICLE, UNILATERAL	CYST	

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 16	TRT#: F0-1	DOSE: 0 ppm	SEX: Female	REMOVAL DAY: SD218
GENERATION: F0			DISP: Scheduled Removal (Terminal)	HISTO: 4220

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	CERVIX	LIVER
PITUITARY GLAND	SPLEEN	THYMUS	THYROID GLANDS
UTERUS	VAGINA		

OBSERVATIONS

KIDNEYS		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
OVARIES	FOLLICLE, UNILATERAL	CYST	

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 18	TRT#: F0-1	DOSE: 0 ppm	SEX: Female	REMOVAL DAY: SD218
GENERATION: F0			DISP: Scheduled Removal (Terminal)	HISTO: 4254

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	CERVIX	LIVER
PITUITARY GLAND	SPLEEN	THYMUS	THYROID GLANDS
VAGINA			

OBSERVATIONS

KIDNEYS		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
OVARIES	UNILATERAL	CYST	
UTERUS	UNILATERAL	INFLAMMATION, ACUTE	MINIMAL

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 20	TRT#: F0-1	DOSE: 0 ppm	SEX: Female	REMOVAL DAY: SD218
GENERATION: F0			DISP: Scheduled Removal (Terminal)	HISTO: 4278

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	CERVIX	LIVER
PITUITARY GLAND	SPLEEN	THYMUS	THYROID GLANDS
UTERUS	VAGINA		

OBSERVATIONS

KIDNEYS		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
	CORTICOMEDULLARY JUNCTION	MINERAL	FOCAL, MINIMAL
OVARIES	CORPUS LUTEUM, UNILATERAL	CYST	

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 22	TRT#: F0-1	DOSE: 0 ppm	SEX: Female	REMOVAL DAY: SD218
GENERATION: F0			DISP: Scheduled Removal (Terminal)	HISTO: 4112

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	CERVIX	LIVER
OVARIES	PITUITARY GLAND	SPLEEN	THYMUS
UTERUS	VAGINA		

OBSERVATIONS

KIDNEYS		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
THYROID GLANDS	C-CELL, UNILATERAL	HYPERPLASIA	MINIMAL

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 24	TRT#: F0-1	DOSE: 0 ppm	SEX: Female	REMOVAL DAY: SD218
GENERATION: F0			DISP: Scheduled Removal (Terminal)	HISTO: 4168

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	CERVIX	LIVER
PITUITARY GLAND	SPLEEN	THYMUS	THYROID GLANDS
UTERUS	VAGINA		

OBSERVATIONS

KIDNEYS	CORTICOMEDULLARY JUNCTION	MINERAL	FOCAL, MINIMAL
OVARIES	UNILATERAL	CYST	

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 26	TRT#: F0-1	DOSE: 0 ppm	SEX: Female	REMOVAL DAY: SD219
GENERATION: F0			DISP: Scheduled Removal (Terminal)	HISTO: 4092

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	CERVIX	LIVER
OVARIES	PITUITARY GLAND	SPLEEN	THYROID GLANDS
VAGINA			

OBSERVATIONS

KIDNEYS		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
	CORTICOMEDULLARY JUNCTION	MINERAL	FOCAL, MINIMAL
THYMUS		HYPERPLASIA	EPITHELIAL, MINIMAL
UTERUS	ENDOMETRIAL GLANDS	CYST	
	ENDOMETRIUM	METAPLASIA	SQUAMOUS, MINIMAL

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 28	TRT#: F0-1	DOSE: 0 ppm	SEX: Female	REMOVAL DAY: SD219
GENERATION: F0			DISP: Scheduled Removal (Terminal)	HISTO: 4118

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	CERVIX	LIVER
OVARIES	PITUITARY GLAND	SPLEEN	THYMUS
THYROID GLANDS	UTERUS	VAGINA	

OBSERVATIONS

KIDNEYS	CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
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Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 30	TRT#: F0-1	DOSE: 0 ppm	SEX: Female	REMOVAL DAY: SD219
GENERATION: F0			DISP: Scheduled Removal (Terminal)	HISTO: 4122

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	CERVIX	LIVER
OVARIES	PITUITARY GLAND	SPLEEN	THYMUS
THYROID GLANDS	UTERUS	VAGINA	

OBSERVATIONS

KIDNEYS		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
	CORTICOMEDULLARY JUNCTION	MINERAL	FOCAL, MINIMAL
	PELVIS	MINERAL	MINIMAL

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 32	TRT#: F0-1	DOSE: 0 ppm	SEX: Female	REMOVAL DAY: SD219
GENERATION: F0			DISP: Scheduled Removal (Terminal)	HISTO: 4110

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	CERVIX	LIVER
OVARIES	PITUITARY GLAND	SPLEEN	THYROID GLANDS
VAGINA			

OBSERVATIONS

CLITORAL GLANDS	UNILATERAL	INFLAMMATION, CHRONIC	MILD
[INFLAMMATION, CHRONIC TGLS = 1-11]			
KIDNEYS		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
THYMUS		HYPERPLASIA	EPITHELIAL, MINIMAL
UTERUS	ENDOMETRIUM	METAPLASIA	SQUAMOUS, MILD

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 34	TRT#: F0-1	DOSE: 0 ppm	SEX: Female	REMOVAL DAY: SD219
GENERATION: F0			DISP: Scheduled Removal (Terminal)	HISTO: 4218

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	CERVIX	LIVER
OVARIES	PITUITARY GLAND	SPLEEN	THYMUS
THYROID GLANDS	UTERUS	VAGINA	

OBSERVATIONS

KIDNEYS	CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
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Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 36	TRT#: F0-1	DOSE: 0 ppm	SEX: Female	REMOVAL DAY: SD219
GENERATION: F0			DISP: Scheduled Removal (Terminal)	HISTO: 4276

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	CERVIX	LIVER
OVARIES	PITUITARY GLAND	SPLEEN	THYMUS
THYROID GLANDS	UTERUS	VAGINA	

OBSERVATIONS

KIDNEYS	CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
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Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 38	TRT#: F0-1	DOSE: 0 ppm	SEX: Female	REMOVAL DAY: SD219
GENERATION: F0			DISP: Scheduled Removal (Terminal)	HISTO: 4138

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	CERVIX	LIVER
OVARIES	PITUITARY GLAND	SPLEEN	THYMUS
THYROID GLANDS	UTERUS	VAGINA	

OBSERVATIONS

KIDNEYS		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
	CORTICOMEDULLARY JUNCTION	MINERAL	FOCAL, MINIMAL

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 40	TRT#: F0-1	DOSE: 0 ppm	SEX: Female	REMOVAL DAY: SD219
GENERATION: F0			DISP: Scheduled Removal (Terminal)	HISTO: 4104

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	CERVIX	LIVER
OVARIES	PITUITARY GLAND	SPLEEN	THYMUS
THYROID GLANDS	UTERUS	VAGINA	

OBSERVATIONS

KIDNEYS		CHRONIC PROGRESSIVE NEPHROPATHY	MILD
	CORTICOMEDULLARY JUNCTION	MINERAL	FOCAL, MINIMAL

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 42	TRT#: F0-1	DOSE: 0 ppm	SEX: Female	REMOVAL DAY: SD219
GENERATION: F0			DISP: Scheduled Removal (Terminal)	HISTO: 4150

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	CERVIX	LIVER
PITUITARY GLAND	SPLEEN	THYMUS	THYROID GLANDS
UTERUS	VAGINA		

OBSERVATIONS

KIDNEYS		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
OVARIES	CORPUS LUTEUM, UNILATERAL	CYST	

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 44	TRT#: F0-1	DOSE: 0 ppm	SEX: Female	REMOVAL DAY: SD219
GENERATION: F0			DISP: Scheduled Removal (Terminal)	HISTO: 4228

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	CERVIX	LIVER
OVARIES	PITUITARY GLAND	SPLEEN	THYMUS
THYROID GLANDS	UTERUS	VAGINA	

OBSERVATIONS

KIDNEYS	CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
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Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 46	TRT#: F0-2	DOSE: 5000 ppm	SEX: Female	REMOVAL DAY: SD218
GENERATION: F0			DISP: Scheduled Removal (Terminal)	HISTO: 4156

TISSUE STATUS

No Visible Lesions

LIVER	UTERUS
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OBSERVATIONS

KIDNEYS		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
OVARIES	FOLLICLE, UNILATERAL	CYST	

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 48	TRT#: F0-2	DOSE: 5000 ppm	SEX: Female	REMOVAL DAY: SD52
GENERATION: F0			DISP: Euthanized Moribund	HISTO: 4290

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	CERVIX	KIDNEYS
OVARIES	PITUITARY GLAND	THYMUS	THYROID GLANDS
UTERUS	VAGINA		

MISSING

LYMPH NODE, AXILLARY

OBSERVATIONS

LIVER	EXTRAMEDULLARY HEMATOPOIESIS	MILD
LYMPH NODE	NO MICROSCOPIC FINDING RECORDED	
[NO MICROSCOPIC FINDING RECORDED TGLS = 1-NCL]		
SKIN	ABSCCESS	SUBCUTANEOUS, MARKED
	INFLAMMATION, SUPPURATIVE	MARKED
[ABSCCESS TGLS = 2-11]		
SKIN, ABDOMINAL	ULCER	MODERATE
[ULCER TGLS = 3-12]		
SPLEEN	EXTRAMEDULLARY HEMATOPOIESIS	INCREASED, MILD
[EXTRAMEDULLARY HEMATOPOIESIS TGLS = 4-3A]		

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 50	TRT#: F0-2	DOSE: 5000 ppm	SEX: Female	REMOVAL DAY: SD218
GENERATION: F0			DISP: Scheduled Removal (Terminal)	HISTO: 4180

TISSUE STATUS

No Visible Lesions

LIVER	OVARIES
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OBSERVATIONS

KIDNEYS		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
	CORTICOMEDULLARY JUNCTION	MINERAL	FOCAL, MINIMAL
UTERUS	ENDOMETRIAL GLANDS	CYST	

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 52	TRT#: F0-2	DOSE: 5000 ppm	SEX: Female	REMOVAL DAY: SD218
GENERATION: F0			DISP: Scheduled Removal (Terminal)	HISTO: 4224

TISSUE STATUS

No Visible Lesions

LIVER	UTERUS
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OBSERVATIONS

KIDNEYS		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
	CORTICOMEDULLARY JUNCTION	MINERAL	FOCAL, MINIMAL
OVARIES	CORPUS LUTEUM, UNILATERAL	CYST	

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 54	TRT#: F0-2	DOSE: 5000 ppm	SEX: Female	REMOVAL DAY: GD14
GENERATION: F0			DISP: Unscheduled Sacrifice	HISTO: 4226

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	CERVIX	LIVER
OVARIES	PITUITARY GLAND	SPLEEN	THYMUS
THYROID GLANDS	UTERUS		

OBSERVATIONS

KIDNEYS	CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
MAMMARY GLANDS [FIBROADENOMA TGLS = 1-10]	FIBROADENOMA	
VAGINA [NO MICROSCOPIC CORRELATION TGLS = 2-6]	NO MICROSCOPIC CORRELATION	

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 56	TRT#: F0-2	DOSE: 5000 ppm	SEX: Female	REMOVAL DAY: SD218
GENERATION: F0			DISP: Scheduled Removal (Terminal)	HISTO: 4266

TISSUE STATUS

No Visible Lesions

LIVER	OVARIES	UTERUS
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OBSERVATIONS

KIDNEYS	CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
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Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 58	TRT#: F0-2	DOSE: 5000 ppm	SEX: Female	REMOVAL DAY: SD218
GENERATION: F0			DISP: Scheduled Removal (Terminal)	HISTO: 4234

TISSUE STATUS

No Visible Lesions

LIVER	OVARIES	UTERUS
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OBSERVATIONS

KIDNEYS	CORTICOMEDULLARY JUNCTION	CHRONIC PROGRESSIVE NEPHROPATHY MINERAL	MINIMAL FOCAL, MINIMAL
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Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 60	TRT#: F0-2	DOSE: 5000 ppm	SEX: Female	REMOVAL DAY: SD161
GENERATION: F0			DISP: Euthanized Moribund	HISTO: 4136

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	CERVIX	LIVER
OVARIES	PITUITARY GLAND	THYMUS	THYROID GLANDS
UTERUS	VAGINA		

OBSERVATIONS

KIDNEYS		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
MAMMARY GLANDS		ADENOCARCINOMA	
[ADENOCARCINOMA TGLS = 1-11]			
SPLEEN	CAPSULE	FIBROSIS	MINIMAL

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 62	TRT#: F0-2	DOSE: 5000 ppm	SEX: Female	REMOVAL DAY: SD218
GENERATION: F0			DISP: Scheduled Removal (Terminal)	HISTO: 4096

TISSUE STATUS

No Visible Lesions

KIDNEYS	LIVER
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OBSERVATIONS

OVARIES	FOLLICLE, UNILATERAL	CYST	
UTERUS	ENDOMETRIAL GLANDS	CYST	
	ENDOMETRIUM	METAPLASIA	SQUAMOUS, MINIMAL

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 64	TRT#: F0-2	DOSE: 5000 ppm	SEX: Female	REMOVAL DAY: SD218
GENERATION: F0			DISP: Scheduled Removal (Terminal)	HISTO: 4282

TISSUE STATUS

No Visible Lesions

LIVER	UTERUS
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OBSERVATIONS

KIDNEYS		CHRONIC PROGRESSIVE NEPHROPATHY	MILD
	CORTICOMEDULLARY JUNCTION	MINERAL	FOCAL, MINIMAL
OVARIES	CORPUS LUTEUM, UNILATERAL	CYST	

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 66	TRT#: F0-2	DOSE: 5000 ppm	SEX: Female	REMOVAL DAY: SD218
GENERATION: F0			DISP: Scheduled Removal (Terminal)	HISTO: 4292

TISSUE STATUS

No Visible Lesions

OVARIES	UTERUS
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OBSERVATIONS

KIDNEYS		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER	HEPATOCTE, PERIportal	HYPERTROPHY	MINIMAL

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 68	TRT#: F0-2	DOSE: 5000 ppm	SEX: Female	REMOVAL DAY: SD218
GENERATION: F0			DISP: Scheduled Removal (Terminal)	HISTO: 4258

TISSUE STATUS

No Visible Lesions

LIVER	OVARIES
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OBSERVATIONS

KIDNEYS		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
	CORTICOMEDULLARY JUNCTION	MINERAL	FOCAL, MINIMAL
	PAPILLA	MINERAL	LINEAR, MINIMAL
UTERUS	ENDOMETRIAL GLANDS	CYST	
	ENDOMETRIUM	METAPLASIA	SQUAMOUS, MILD

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 70	TRT#: F0-2	DOSE: 5000 ppm	SEX: Female	REMOVAL DAY: SD219
GENERATION: F0			DISP: Scheduled Removal (Terminal)	HISTO: 4164

TISSUE STATUS

No Visible Lesions

LIVER	UTERUS
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OBSERVATIONS

KIDNEYS	CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
OVARIES	UNILATERAL CYST	

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 72	TRT#: F0-2	DOSE: 5000 ppm	SEX: Female	REMOVAL DAY: SD219
GENERATION: F0			DISP: Scheduled Removal (Terminal)	HISTO: 4132

TISSUE STATUS

No Visible Lesions

LIVER

OBSERVATIONS

KIDNEYS		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
	CORTICOMEDULLARY JUNCTION	MINERAL	FOCAL, MINIMAL
OVARIES	FOLLICLE, UNILATERAL	CYST	
UTERUS		DILATION	MILD

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 74	TRT#: F0-2	DOSE: 5000 ppm	SEX: Female	REMOVAL DAY: SD219
GENERATION: F0			DISP: Scheduled Removal (Terminal)	HISTO: 4264

TISSUE STATUS

No Visible Lesions

LIVER	OVARIES
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OBSERVATIONS

KIDNEYS		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
UTERUS	ENDOMETRIAL GLANDS	CYST	
	ENDOMETRIUM	METAPLASIA	SQUAMOUS, MILD

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 76	TRT#: F0-2	DOSE: 5000 ppm	SEX: Female	REMOVAL DAY: SD219
GENERATION: F0			DISP: Scheduled Removal (Terminal)	HISTO: 4212

TISSUE STATUS

No Visible Lesions

LIVER	OVARIES
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OBSERVATIONS

KIDNEYS		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
UTERUS	ENDOMETRIAL GLANDS	CYST	
	ENDOMETRIUM	METAPLASIA	SQUAMOUS, MINIMAL

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 78	TRT#: F0-2	DOSE: 5000 ppm	SEX: Female	REMOVAL DAY: SD219
GENERATION: F0			DISP: Scheduled Removal (Terminal)	HISTO: 4090

TISSUE STATUS

No Visible Lesions

OVARIES	UTERUS
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OBSERVATIONS

KIDNEYS	CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER	NECROSIS	FOCAL, MINIMAL
ZYMBALS GLANDS	ADENOMA	
[ADENOMA TGLS = 1-11]		

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 80	TRT#: F0-2	DOSE: 5000 ppm	SEX: Female	REMOVAL DAY: SD219
GENERATION: F0			DISP: Scheduled Removal (Terminal)	HISTO: 4120

TISSUE STATUS

No Visible Lesions

LIVER	OVARIES	UTERUS
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OBSERVATIONS

KIDNEYS	CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
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Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 82	TRT#: F0-2	DOSE: 5000 ppm	SEX: Female	REMOVAL DAY: SD219
GENERATION: F0			DISP: Scheduled Removal (Terminal)	HISTO: 4106

TISSUE STATUS

No Visible Lesions

LIVER	OVARIES	UTERUS
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OBSERVATIONS

KIDNEYS	CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
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Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 84	TRT#: F0-2	DOSE: 5000 ppm	SEX: Female	REMOVAL DAY: SD219
GENERATION: F0			DISP: Scheduled Removal (Terminal)	HISTO: 4202

TISSUE STATUS

No Visible Lesions

UTERUS

OBSERVATIONS

KIDNEYS		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
	CORTICOMEDULLARY JUNCTION	MINERAL	FOCAL, MINIMAL
LIVER	HEPATO CYTE, PERI PORTAL	HYPERTROPHY	MINIMAL
OVARIES	CORPUS LUTEUM, UNILATERAL	CYST	

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 86	TRT#: F0-2	DOSE: 5000 ppm	SEX: Female	REMOVAL DAY: SD219
GENERATION: F0			DISP: Scheduled Removal (Terminal)	HISTO: 4256

TISSUE STATUS

No Visible Lesions

OVARIES	UTERUS
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OBSERVATIONS

KIDNEYS	CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
	INFILTRATION	MONONUCLEAR CELL, MINIMAL
LIVER	INFILTRATION	MONONUCLEAR CELL, MINIMAL

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 88	TRT#: F0-2	DOSE: 5000 ppm	SEX: Female	REMOVAL DAY: SD43
GENERATION: F0			DISP: Euthanized Moribund	HISTO: 4162

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	CERVIX	OVARIES
PITUITARY GLAND	SPLEEN	THYMUS	THYROID GLANDS
UTERUS	VAGINA		

OBSERVATIONS

KIDNEYS	CORTICOMEDULLARY JUNCTION	MINERAL	FOCAL, MINIMAL
LIVER		NECROSIS	FOCAL, MINIMAL
[NECROSIS TGLS = 1-3]			
MAMMARY GLANDS		INFLAMMATION, ACUTE	MODERATE
[INFLAMMATION, ACUTE TGLS = 2-10,3-10]			

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 90	TRT#: F0-3	DOSE: 15000 ppm	SEX: Female	REMOVAL DAY: SD218
GENERATION: F0			DISP: Scheduled Removal (Terminal)	HISTO: 4082

TISSUE STATUS

No Visible Lesions

LIVER	OVARIES	UTERUS
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OBSERVATIONS

KIDNEYS	CORTICOMEDULLARY JUNCTION	CHRONIC PROGRESSIVE NEPHROPATHY MINERAL	MILD FOCAL, MINIMAL
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Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 92	TRT#: F0-3	DOSE: 15000 ppm	SEX: Female	REMOVAL DAY: SD218
GENERATION: F0			DISP: Scheduled Removal (Terminal)	HISTO: 4188

TISSUE STATUS

No Visible Lesions

OVARIES	UTERUS
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OBSERVATIONS

KIDNEYS		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
	CORTICOMEDULLARY JUNCTION	MINERAL	FOCAL, MINIMAL
LIVER		INFILTRATION	MONONUCLEAR CELL, MINIMAL

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 94	TRT#: F0-3	DOSE: 15000 ppm	SEX: Female	REMOVAL DAY: SD218
GENERATION: F0			DISP: Scheduled Removal (Terminal)	HISTO: 4094

TISSUE STATUS

No Visible Lesions

LIVER	OVARIES
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OBSERVATIONS

KIDNEYS		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
UTERUS	ENDOMETRIAL GLANDS	CYST	
	ENDOMETRIUM	METAPLASIA	SQUAMOUS, MINIMAL

[CYST TGLS = 1-7]

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 96	TRT#: F0-3	DOSE: 15000 ppm	SEX: Female	REMOVAL DAY: SD218
GENERATION: F0			DISP: Scheduled Removal (Terminal)	HISTO: 4144

TISSUE STATUS

No Visible Lesions

LIVER	OVARIES	UTERUS
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OBSERVATIONS

KIDNEYS	CORTICOMEDULLARY JUNCTION	CHRONIC PROGRESSIVE NEPHROPATHY MINERAL	MINIMAL FOCAL, MINIMAL
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Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 98	TRT#: F0-3	DOSE: 15000 ppm	SEX: Female	REMOVAL DAY: SD218
GENERATION: F0			DISP: Scheduled Removal (Terminal)	HISTO: 4296

TISSUE STATUS

No Visible Lesions

LIVER	OVARIES	UTERUS
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OBSERVATIONS

KIDNEYS	CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
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Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 100	TRT#: F0-3	DOSE: 15000 ppm	SEX: Female	REMOVAL DAY: SD218
GENERATION: F0			DISP: Scheduled Removal (Terminal)	HISTO: 4206

TISSUE STATUS

No Visible Lesions

OVARIES	UTERUS
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OBSERVATIONS

KIDNEYS		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER	HEPATOCTE, PERIPORTAL	HYPERTROPHY	MINIMAL
		INFILTRATION	MONONUCLEAR CELL, MINIMAL

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 102	TRT#: F0-3	DOSE: 15000 ppm	SEX: Female	REMOVAL DAY: SD218
GENERATION: F0			DISP: Scheduled Removal (Terminal)	HISTO: 4214

TISSUE STATUS

No Visible Lesions

OVARIES	UTERUS
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OBSERVATIONS

KIDNEYS		CHRONIC PROGRESSIVE NEPHROPATHY	MILD
	PAPILLA	MINERAL	LINEAR, MINIMAL
LIVER		INFILTRATION	MONONUCLEAR CELL, MINIMAL

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 104	TRT#: F0-3	DOSE: 15000 ppm	SEX: Female	REMOVAL DAY: SD218
GENERATION: F0			DISP: Scheduled Removal (Terminal)	HISTO: 4154

TISSUE STATUS

No Visible Lesions

LIVER

OBSERVATIONS

KIDNEYS		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
OVARIES	FOLLICLE, BILATERAL	CYST	
UTERUS	ENDOMETRIAL GLANDS	CYST	
	ENDOMETRIUM	METAPLASIA	SQUAMOUS, MINIMAL

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 106	TRT#: F0-3	DOSE: 15000 ppm	SEX: Female	REMOVAL DAY: SD218
GENERATION: F0			DISP: Scheduled Removal (Terminal)	HISTO: 4250

TISSUE STATUS

No Visible Lesions

OVARIES

OBSERVATIONS

KIDNEYS		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
	CORTICOMEDULLARY JUNCTION	MINERAL	FOCAL, MINIMAL
LIVER	HEPATOCTYTE, PERIportal	HYPERTROPHY	MINIMAL
		INFILTRATION	MONONUCLEAR CELL, MINIMAL
UTERUS	ENDOMETRIAL GLANDS	CYST	
		HYPERPLASIA, ATYPICAL	MINIMAL

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 108	TRT#: F0-3	DOSE: 15000 ppm	SEX: Female	REMOVAL DAY: SD218
GENERATION: F0			DISP: Scheduled Removal (Terminal)	HISTO: 4114

TISSUE STATUS

No Visible Lesions

OVARIES	UTERUS
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OBSERVATIONS

KIDNEYS		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
	CORTICOMEDULLARY JUNCTION	MINERAL	FOCAL, MINIMAL
	PAPILLA	MINERAL	LINEAR, MINIMAL
LIVER		INFILTRATION	MONONUCLEAR CELL, MINIMAL

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 110	TRT#: F0-3	DOSE: 15000 ppm	SEX: Female	REMOVAL DAY: SD218
GENERATION: F0			DISP: Scheduled Removal (Terminal)	HISTO: 4198

OBSERVATIONS

KIDNEYS		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
	CORTICOMEDULLARY JUNCTION	MINERAL	FOCAL, MINIMAL
LIVER		INFILTRATION	MONONUCLEAR CELL, MINIMAL
		NECROSIS	FOCAL, MILD
OVARIES	FOLLICLE, UNILATERAL	CYST	
UTERUS	ENDOMETRIUM	METAPLASIA	SQUAMOUS, MINIMAL
	ENDOMETRIUM	POLYP	STROMAL

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 112	TRT#: F0-3	DOSE: 15000 ppm	SEX: Female	REMOVAL DAY: SD219
GENERATION: F0			DISP: Scheduled Removal (Terminal)	HISTO: 4248

TISSUE STATUS

No Visible Lesions

UTERUS

OBSERVATIONS

KIDNEYS		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
	CORTICOMEDULLARY JUNCTION	MINERAL	FOCAL, MINIMAL
LIVER		INFILTRATION	MONONUCLEAR CELL, MINIMAL
OVARIES	FOLLICLE, UNILATERAL	CYST	

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 114	TRT#: F0-3	DOSE: 15000 ppm	SEX: Female	REMOVAL DAY: SD219
GENERATION: F0			DISP: Scheduled Removal (Terminal)	HISTO: 4088

TISSUE STATUS

No Visible Lesions

LIVER	OVARIES
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OBSERVATIONS

KIDNEYS		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
	CORTICOMEDULLARY JUNCTION	MINERAL	FOCAL, MINIMAL
UTERUS	ENDOMETRIUM	METAPLASIA	SQUAMOUS, MILD

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 116	TRT#: F0-3	DOSE: 15000 ppm	SEX: Female	REMOVAL DAY: SD219
GENERATION: F0			DISP: Scheduled Removal (Terminal)	HISTO: 4222

TISSUE STATUS

No Visible Lesions

LIVER	OVARIES	UTERUS
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OBSERVATIONS

KIDNEYS	CORTICOMEDULLARY JUNCTION	CHRONIC PROGRESSIVE NEPHROPATHY MINERAL	MINIMAL FOCAL, MINIMAL
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Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 118	TRT#: F0-3	DOSE: 15000 ppm	SEX: Female	REMOVAL DAY: SD219
GENERATION: F0			DISP: Scheduled Removal (Terminal)	HISTO: 4230

TISSUE STATUS

No Visible Lesions

LIVER

OBSERVATIONS

KIDNEYS		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
	CORTICOMEDULLARY JUNCTION	MINERAL	FOCAL, MINIMAL
OVARIES	FOLLICLE, UNILATERAL	CYST	
UTERUS	ENDOMETRIUM	METAPLASIA	SQUAMOUS, MINIMAL

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 120	TRT#: F0-3	DOSE: 15000 ppm	SEX: Female	REMOVAL DAY: LD12
GENERATION: F0			DISP: Euthanized Moribund	HISTO: 4244

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	CERVIX	OVARIES
PITUITARY GLAND	SPLEEN	THYROID GLANDS	UTERUS
VAGINA			

OBSERVATIONS

KIDNEYS		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
	RENAL TUBULE	REGENERATION	MINIMAL
LIVER		INFILTRATION	MONONUCLEAR CELL, MINIMAL
MAMMARY GLANDS		FIBROADENOMA	
[FIBROADENOMA TGLS = 1-10,2-11]			
THYMUS		NO MICROSCOPIC CORRELATION	
[NO MICROSCOPIC CORRELATION TGLS = 3-1]			

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 122	TRT#: F0-3	DOSE: 15000 ppm	SEX: Female	REMOVAL DAY: SD219
GENERATION: F0			DISP: Scheduled Removal (Terminal)	HISTO: 4170

TISSUE STATUS

No Visible Lesions

OVARIES

OBSERVATIONS

KIDNEYS		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER	HEPATOCTE, PERIportal	HYPERTROPHY	MINIMAL
UTERUS	ENDOMETRIAL GLANDS	CYST	

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 124	TRT#: F0-3	DOSE: 15000 ppm	SEX: Female	REMOVAL DAY: SD219
GENERATION: F0			DISP: Scheduled Removal (Terminal)	HISTO: 4274

TISSUE STATUS

No Visible Lesions

OVARIES	UTERUS
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OBSERVATIONS

KIDNEYS		METAPLASIA	OSSEOUS, MINIMAL
	CORTICOMEDULLARY JUNCTION	MINERAL	FOCAL, MINIMAL
LIVER		INFILTRATION	MONONUCLEAR CELL, MINIMAL

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 126	TRT#: F0-3	DOSE: 15000 ppm	SEX: Female	REMOVAL DAY: SD219
GENERATION: F0			DISP: Scheduled Removal (Terminal)	HISTO: 4142

TISSUE STATUS

No Visible Lesions

OVARIES	UTERUS
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OBSERVATIONS

KIDNEYS		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
	CORTICOMEDULLARY JUNCTION	MINERAL	FOCAL, MINIMAL
LIVER	HEPATOCTE, PERIportal	HYPERTROPHY	MINIMAL
		INFILTRATION	MONONUCLEAR CELL, MINIMAL

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 128	TRT#: F0-3	DOSE: 15000 ppm	SEX: Female	REMOVAL DAY: SD219
GENERATION: F0			DISP: Scheduled Removal (Terminal)	HISTO: 4098

TISSUE STATUS

No Visible Lesions

OVARIES	UTERUS
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OBSERVATIONS

KIDNEYS		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
	CORTICOMEDULLARY JUNCTION	MINERAL	FOCAL, MINIMAL
LIVER	HEPATOCTE, PERIportal	HYPERTROPHY	MINIMAL

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 130	TRT#: F0-3	DOSE: 15000 ppm	SEX: Female	REMOVAL DAY: SD219
GENERATION: F0			DISP: Scheduled Removal (Terminal)	HISTO: 4294

TISSUE STATUS

No Visible Lesions

KIDNEYS	LIVER	OVARIES
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OBSERVATIONS

UTERUS	ENDOMETRIUM	METAPLASIA	SQUAMOUS, MILD
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Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 132	TRT#: F0-3	DOSE: 15000 ppm	SEX: Female	REMOVAL DAY: SD219
GENERATION: F0			DISP: Scheduled Removal (Terminal)	HISTO: 4108

TISSUE STATUS

No Visible Lesions

OVARIES	UTERUS
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OBSERVATIONS

KIDNEYS	CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER	INFILTRATION	MONONUCLEAR CELL, MINIMAL

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 134	TRT#: F0-4	DOSE: 40000 ppm	SEX: Female	REMOVAL DAY: SD218
GENERATION: F0			DISP: Scheduled Removal (Terminal)	HISTO: 4174

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	CERVIX	OVARIES
PITUITARY GLAND	SPLEEN	THYMUS	THYROID GLANDS
UTERUS	VAGINA		

OBSERVATIONS

KIDNEYS	CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER	INFILTRATION	MONONUCLEAR CELL, MINIMAL

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 136	TRT#: F0-4	DOSE: 40000 ppm	SEX: Female	REMOVAL DAY: SD218
GENERATION: F0			DISP: Scheduled Removal (Terminal)	HISTO: 4288

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	CERVIX	KIDNEYS
PITUITARY GLAND	SPLEEN	THYMUS	THYROID GLANDS
VAGINA			

OBSERVATIONS

LIVER		CLEAR CELL FOCUS	
	BILE DUCT	HYPERPLASIA	MINIMAL
	HEPATOCTE, PERIportal	HYPERTROPHY	MINIMAL
		INFILTRATION	MONONUCLEAR CELL, MINIMAL
	HEPATOCTE	MITOSIS	INCREASED, MINIMAL
OVARIES	FOLLICLE, UNILATERAL	CYST	
UTERUS	ENDOMETRIUM	HYPERPLASIA	CYSTIC, MILD
	ENDOMETRIUM	METAPLASIA	SQUAMOUS, MILD

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 138	TRT#: F0-4	DOSE: 40000 ppm	SEX: Female	REMOVAL DAY: SD218
GENERATION: F0			DISP: Scheduled Removal (Terminal)	HISTO: 4152

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	CERVIX	OVARIES
PITUITARY GLAND	SPLEEN	THYMUS	THYROID GLANDS
UTERUS	VAGINA		

OBSERVATIONS

KIDNEYS	CORTICOMEDULLARY JUNCTION	MINERAL NO MICROSCOPIC CORRELATION	FOCAL, MINIMAL
[NO MICROSCOPIC CORRELATION TGLS = 1-2]			
LIVER	HEPATOCYTE, PERIportal HEPATOCYTE	HYPERTROPHY INCLUSION	MINIMAL CYTOPLASMIC, MINIMAL

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 140	TRT#: F0-4	DOSE: 40000 ppm	SEX: Female	REMOVAL DAY: SD218
GENERATION: F0			DISP: Scheduled Removal (Terminal)	HISTO: 4160

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	CERVIX	OVARIES
PITUITARY GLAND	SPLEEN	THYMUS	THYROID GLANDS
UTERUS	VAGINA		

OBSERVATIONS

KIDNEYS	CORTICOMEDULLARY JUNCTION	MINERAL	FOCAL, MINIMAL
LIVER		INFILTRATION	MONONUCLEAR CELL, MINIMAL

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 142	TRT#: F0-4	DOSE: 40000 ppm	SEX: Female	REMOVAL DAY: SD218
GENERATION: F0			DISP: Scheduled Removal (Terminal)	HISTO: 4100

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	CERVIX	OVARIES
PITUITARY GLAND	SPLEEN	THYMUS	THYROID GLANDS
UTERUS	VAGINA		

OBSERVATIONS

KIDNEYS	CORTICOMEDULLARY JUNCTION	MINERAL	FOCAL, MINIMAL
LIVER	HEPATOCYTE, PERIPORTAL	HYPERTROPHY	MINIMAL
	HEPATOCYTE	INFILTRATION	MONONUCLEAR CELL, MINIMAL
		MITOSIS	INCREASED, MINIMAL

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 144	TRT#: F0-4	DOSE: 40000 ppm	SEX: Female	REMOVAL DAY: SD218
GENERATION: F0			DISP: Scheduled Removal (Terminal)	HISTO: 4280

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	CERVIX	KIDNEYS
LIVER	SPLEEN	THYMUS	THYROID GLANDS
VAGINA			

OBSERVATIONS

OVARIES	FOLLICLE, UNILATERAL	CYST	
PITUITARY GLAND	PARS DISTALIS	CYST	
UTERUS	ENDOMETRIUM	POLYP	STROMAL

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 146	TRT#: F0-4	DOSE: 40000 ppm	SEX: Female	REMOVAL DAY: SD218
GENERATION: F0			DISP: Scheduled Removal (Terminal)	HISTO: 4124

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	CERVIX	OVARIES
PITUITARY GLAND	SPLEEN	THYMUS	THYROID GLANDS
UTERUS	VAGINA		

OBSERVATIONS

KIDNEYS		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
	CORTICOMEDULLARY JUNCTION	MINERAL	FOCAL, MINIMAL
		NO MICROSCOPIC CORRELATION	
	[NO MICROSCOPIC CORRELATION TGLS = 1-2]		
LIVER		INFILTRATION	MONONUCLEAR CELL, MINIMAL

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 148	TRT#: F0-4	DOSE: 40000 ppm	SEX: Female	REMOVAL DAY: SD218
GENERATION: F0			DISP: Scheduled Removal (Terminal)	HISTO: 4146

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX
PITUITARY GLAND
VAGINA

ADRENAL MEDULLA
SPLEEN

CERVIX
THYROID GLANDS

OVARIES
UTERUS

OBSERVATIONS

KIDNEYS
LIVER

CORTEX
HEPATOCYTE, PERIPORTAL

ATROPHY
HYPERTROPHY
INFILTRATION
HYPERPLASIA

MINIMAL
MINIMAL
MONONUCLEAR CELL, MINIMAL
EPITHELIAL, MINIMAL

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 150	TRT#: F0-4	DOSE: 40000 ppm	SEX: Female	REMOVAL DAY: SD218
GENERATION: F0			DISP: Scheduled Removal (Terminal)	HISTO: 4134

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	CERVIX	OVARIES
PITUITARY GLAND	SPLEEN	THYMUS	THYROID GLANDS
UTERUS	VAGINA		

OBSERVATIONS

KIDNEYS		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
	CORTICOMEDULLARY JUNCTION	MINERAL	FOCAL, MINIMAL
LIVER	HEPATOCYTE	APOPTOSIS	MINIMAL
		INFILTRATION	MONONUCLEAR CELL, MINIMAL

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 152	TRT#: F0-4	DOSE: 40000 ppm	SEX: Female	REMOVAL DAY: SD218
GENERATION: F0			DISP: Scheduled Removal (Terminal)	HISTO: 4284

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	CERVIX	KIDNEYS
OVARIES	PITUITARY GLAND	SPLEEN	THYMUS
THYROID GLANDS	UTERUS	VAGINA	

OBSERVATIONS

LIVER	BILE DUCT	HYPERPLASIA	MINIMAL
	HEPATOCTYE, PERIPORTAL	HYPERTROPHY	MINIMAL
		INFILTRATION	MONONUCLEAR CELL, MINIMAL
MAMMARY GLANDS		FIBROADENOMA	
[FIBROADENOMA TGLS = 1-11]			

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 154	TRT#: F0-4	DOSE: 40000 ppm	SEX: Female	REMOVAL DAY: SD218
GENERATION: F0			DISP: Scheduled Removal (Terminal)	HISTO: 4286

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	CERVIX	OVARIES
PITUITARY GLAND	SPLEEN	THYMUS	THYROID GLANDS
UTERUS	VAGINA		

OBSERVATIONS

KIDNEYS		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
	CORTICOMEDULLARY JUNCTION	MINERAL	FOCAL, MINIMAL
LIVER	HEPATOCYTE	FATTY CHANGE	FOCAL, MINIMAL

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 156	TRT#: F0-4	DOSE: 40000 ppm	SEX: Female	REMOVAL DAY: SD219
GENERATION: F0			DISP: Scheduled Removal (Terminal)	HISTO: 4240

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	CERVIX	OVARIES
PITUITARY GLAND	SPLEEN	THYMUS	THYROID GLANDS
UTERUS	VAGINA		

OBSERVATIONS

KIDNEYS		METAPLASIA	OSSEOUS, MINIMAL
	CORTICOMEDULLARY JUNCTION	MINERAL	FOCAL, MILD
LIVER		INFILTRATION	MONONUCLEAR CELL, MINIMAL

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 158	TRT#: F0-4	DOSE: 40000 ppm	SEX: Female	REMOVAL DAY: SD219
GENERATION: F0			DISP: Scheduled Removal (Terminal)	HISTO: 4126

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	CERVIX	LIVER
OVARIES	PITUITARY GLAND	SPLEEN	THYMUS
THYROID GLANDS	UTERUS	VAGINA	

OBSERVATIONS

KIDNEYS	CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
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Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 160	TRT#: F0-4	DOSE: 40000 ppm	SEX: Female	REMOVAL DAY: SD219
GENERATION: F0			DISP: Scheduled Removal (Terminal)	HISTO: 4238

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	CERVIX	LIVER
OVARIES	PITUITARY GLAND	SPLEEN	THYMUS
THYROID GLANDS	UTERUS	VAGINA	

OBSERVATIONS

KIDNEYS	CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
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Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 162	TRT#: F0-4	DOSE: 40000 ppm	SEX: Female	REMOVAL DAY: SD219
GENERATION: F0			DISP: Scheduled Removal (Terminal)	HISTO: 4186

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX
SPLEEN
VAGINA

ADRENAL MEDULLA
THYMUS

CERVIX
THYROID GLANDS

PITUITARY GLAND
UTERUS

OBSERVATIONS

KIDNEYS
LIVER
OVARIES

CORPUS LUTEUM, UNILATERAL

CHRONIC PROGRESSIVE NEPHROPATHY
INFILTRATION
CYST

MINIMAL
MONONUCLEAR CELL, MINIMAL

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 164	TRT#: F0-4	DOSE: 40000 ppm	SEX: Female	REMOVAL DAY: SD219
GENERATION: F0			DISP: Scheduled Removal (Terminal)	HISTO: 4232

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	CERVIX	OVARIES
PITUITARY GLAND	SPLEEN	THYMUS	THYROID GLANDS
UTERUS	VAGINA		

OBSERVATIONS

KIDNEYS	CORTICOMEDULLARY JUNCTION	MINERAL	FOCAL, MILD
LIVER		INFILTRATION	MONONUCLEAR CELL, MINIMAL

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 166	TRT#: F0-4	DOSE: 40000 ppm	SEX: Female	REMOVAL DAY: SD219
GENERATION: F0			DISP: Scheduled Removal (Terminal)	HISTO: 4216

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	CERVIX	OVARIES
PITUITARY GLAND	SPLEEN	THYMUS	THYROID GLANDS
UTERUS	VAGINA		

OBSERVATIONS

KIDNEYS		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
	CORTICOMEDULLARY JUNCTION	MINERAL	FOCAL, MINIMAL
LIVER		CLEAR CELL FOCUS	

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 168	TRT#: F0-4	DOSE: 40000 ppm	SEX: Female	REMOVAL DAY: SD219
GENERATION: F0			DISP: Scheduled Removal (Terminal)	HISTO: 4128

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	CERVIX	OVARIES
PITUITARY GLAND	SPLEEN	THYMUS	THYROID GLANDS
VAGINA			

OBSERVATIONS

KIDNEYS		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER	HEPATOCYTE, PERIportal	HYPERTROPHY	MINIMAL
		INFILTRATION	MONONUCLEAR CELL, MINIMAL
	HEPATOCYTE	MITOSIS	INCREASED, MINIMAL
UTERUS	ENDOMETRIUM	POLYP	STROMAL

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 170	TRT#: F0-4	DOSE: 40000 ppm	SEX: Female	REMOVAL DAY: SD219
GENERATION: F0			DISP: Scheduled Removal (Terminal)	HISTO: 4116

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	CERVIX	LIVER
PITUITARY GLAND	SPLEEN	THYMUS	THYROID GLANDS
UTERUS	VAGINA		

OBSERVATIONS

KIDNEYS		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
	CORTICOMEDULLARY JUNCTION	MINERAL	FOCAL, MINIMAL
OVARIES	CORPUS LUTEUM, BILATERAL	CYST	
SKIN		ULCER	MILD

[ULCER TGLS = 1-11,1-12]

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 172	TRT#: F0-4	DOSE: 40000 ppm	SEX: Female	REMOVAL DAY: SD219
GENERATION: F0			DISP: Scheduled Removal (Terminal)	HISTO: 4172

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX
SPLEEN
VAGINA

ADRENAL MEDULLA
THYMUS

CERVIX
THYROID GLANDS

PITUITARY GLAND
UTERUS

OBSERVATIONS

KIDNEYS

CHRONIC PROGRESSIVE NEPHROPATHY

MINIMAL

LIVER

CORTICOMEDULLARY JUNCTION
HEPATOCTYTE, PERIportal

MINERAL
HYPERTROPHY
INFILTRATION

FOCAL, MINIMAL
MINIMAL

OVARIES

CORPUS LUTEUM, UNILATERAL

CYST

MONONUCLEAR CELL, MINIMAL

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 174	TRT#: F0-4	DOSE: 40000 ppm	SEX: Female	REMOVAL DAY: SD219
GENERATION: F0			DISP: Scheduled Removal (Terminal)	HISTO: 4242

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	CERVIX	OVARIES
PITUITARY GLAND	SPLEEN	THYMUS	THYROID GLANDS
UTERUS	VAGINA		

OBSERVATIONS

KIDNEYS	CORTICOMEDULLARY JUNCTION	MINERAL	FOCAL, MINIMAL
LIVER		INFILTRATION	MONONUCLEAR CELL, MILD

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 176	TRT#: F0-4	DOSE: 40000 ppm	SEX: Female	REMOVAL DAY: SD219
GENERATION: F0			DISP: Scheduled Removal (Terminal)	HISTO: 4200

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	CERVIX	KIDNEYS
PITUITARY GLAND	SPLEEN	THYMUS	THYROID GLANDS
UTERUS	VAGINA		

OBSERVATIONS

LIVER		INFILTRATION	MONONUCLEAR CELL, MINIMAL
OVARIES	CORPUS LUTEUM, UNILATERAL	CYST	

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1005	TRT#: F1-1	DOSE: 0 ppm	SEX: Male	REMOVAL DAY: PND92
GENERATION: F1	SELECTION: F1c NonParent Males		DISP: Scheduled Removal (Terminal)	HISTO: 11664

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	COAGULATING GLANDS	DORSAL PROSTATE
EPIDIDYMIDES	LIVER	PITUITARY GLAND	SEMINAL VESICLES
SPLEEN	TESTES	THYMUS	THYROID GLANDS
VENTRAL PROSTATE			

OBSERVATIONS

KIDNEYS	CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
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Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1011	TRT#: F1-1	DOSE: 0 ppm	SEX: Male	REMOVAL DAY: PND92
GENERATION: F1	SELECTION: F1c NonParent Males		DISP: Scheduled Removal (Terminal)	HISTO: 11643

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	COAGULATING GLANDS	DORSAL PROSTATE
EPIDIDYMIDES	LIVER	PITUITARY GLAND	SEMINAL VESICLES
SPLEEN	TESTES	THYMUS	THYROID GLANDS
VENTRAL PROSTATE			

OBSERVATIONS

KIDNEYS	CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
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Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1013	TRT#: F1-1	DOSE: 0 ppm	SEX: Male	REMOVAL DAY: PND51
GENERATION: F1	SELECTION: F1c NonParent Males		DISP: Euthanized Moribund	HISTO: 11644

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	COAGULATING GLANDS	DORSAL PROSTATE
LIVER	PITUITARY GLAND	SPLEEN	TESTES
THYMUS	THYROID GLANDS		

OBSERVATIONS

EPIDIDYMITES [HYOSPERMIA TGLS = 5-8,5-8A]		HYOSPERMIA	MARKED
EYES [DYSPLASIA TGLS = 1-11]	RETINA	DYSPLASIA	MILD
KIDNEYS		CHRONIC PROGRESSIVE NEPHROPATHY	MODERATE
LUNGS [HEMORRHAGE TGLS = 2-12]	RENAL TUBULE	DILATION	MILD
SEMINAL VESICLES [NO MICROSCOPIC CORRELATION TGLS = 4-9]		HEMORRHAGE	MODERATE
VENTRAL PROSTATE [NO MICROSCOPIC CORRELATION TGLS = 3-9]		NO MICROSCOPIC CORRELATION	
		NO MICROSCOPIC CORRELATION	

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1015	TRT#: F1-1	DOSE: 0 ppm	SEX: Male	REMOVAL DAY: PND92
GENERATION: F1	SELECTION: F1c NonParent Males		DISP: Scheduled Removal (Terminal)	HISTO: 11645

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	COAGULATING GLANDS	DORSAL PROSTATE
EPIDIDYMIDES	LIVER	PITUITARY GLAND	SEMINAL VESICLES
SPLEEN	TESTES	THYMUS	THYROID GLANDS
VENTRAL PROSTATE			

OBSERVATIONS

KIDNEYS	CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
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Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1017	TRT#: F1-1	DOSE: 0 ppm	SEX: Male	REMOVAL DAY: PND92
GENERATION: F1	SELECTION: F1c NonParent Males		DISP: Scheduled Removal (Terminal)	HISTO: 11646

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	COAGULATING GLANDS	DORSAL PROSTATE
EPIDIDYMIDES	LIVER	PITUITARY GLAND	SEMINAL VESICLES
SPLEEN	TESTES	THYMUS	THYROID GLANDS

OBSERVATIONS

KIDNEYS		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
VENTRAL PROSTATE	BILATERAL	INFLAMMATION, CHRONIC	MILD

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1027	TRT#: F1-1	DOSE: 0 ppm	SEX: Male	REMOVAL DAY: PND90
GENERATION: F1	SELECTION: F1c NonParent Males		DISP: Scheduled Removal (Terminal)	HISTO: 11814

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	COAGULATING GLANDS	DORSAL PROSTATE
EPIDIDYMIDES	LIVER	PITUITARY GLAND	SEMINAL VESICLES
SPLEEN	TESTES	THYMUS	THYROID GLANDS

OBSERVATIONS

KIDNEYS		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
	CORTICOMEDULLARY JUNCTION	MINERAL	FOCAL, MINIMAL
VENTRAL PROSTATE	BILATERAL	INFLAMMATION, CHRONIC	MILD

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1029	TRT#: F1-1	DOSE: 0 ppm	SEX: Male	REMOVAL DAY: PND90
GENERATION: F1	SELECTION: F1c NonParent Males		DISP: Scheduled Removal (Terminal)	HISTO: 11815

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	COAGULATING GLANDS	DORSAL PROSTATE
EPIDIDYMIDES	LIVER	PITUITARY GLAND	SEMINAL VESICLES
SPLEEN	TESTES	THYMUS	THYROID GLANDS
VENTRAL PROSTATE			

OBSERVATIONS

KIDNEYS	CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
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Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1031	TRT#: F1-1	DOSE: 0 ppm	SEX: Male	REMOVAL DAY: PND90
GENERATION: F1	SELECTION: F1c NonParent Males		DISP: Scheduled Removal (Terminal)	HISTO: 11816

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	COAGULATING GLANDS	DORSAL PROSTATE
EPIDIDYMIDES	LIVER	PITUITARY GLAND	SEMINAL VESICLES
SPLEEN	TESTES	THYMUS	THYROID GLANDS

OBSERVATIONS

KIDNEYS		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
	CORTICOMEDULLARY JUNCTION	MINERAL	FOCAL, MINIMAL
VENTRAL PROSTATE	BILATERAL	INFLAMMATION, CHRONIC	MINIMAL

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1039	TRT#: F1-1	DOSE: 0 ppm	SEX: Male	REMOVAL DAY: PND90
GENERATION: F1	SELECTION: F1c NonParent Males		DISP: Scheduled Removal (Terminal)	HISTO: 11862

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	COAGULATING GLANDS	DORSAL PROSTATE
EPIDIDYMIDES	LIVER	PITUITARY GLAND	SEMINAL VESICLES
SPLEEN	TESTES	THYMUS	THYROID GLANDS

OBSERVATIONS

INTESTINE, COLON	GALT	HYPERPLASIA NO MICROSCOPIC CORRELATION	LYMPHOCYTE, MILD
[HYPERPLASIA TGLS = 2-11] [NO MICROSCOPIC CORRELATION TGLS = 1-11]			
KIDNEYS		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
THYROID GLANDS Tissue Note: ONE OF A PAIR PRESENT.			
VENTRAL PROSTATE	BILATERAL	INFLAMMATION, CHRONIC	MINIMAL

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1041	TRT#: F1-1	DOSE: 0 ppm	SEX: Male	REMOVAL DAY: PND90
GENERATION: F1	SELECTION: F1c NonParent Males		DISP: Scheduled Removal (Terminal)	HISTO: 11863

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	COAGULATING GLANDS	DORSAL PROSTATE
EPIDIDYMIDES	LIVER	PITUITARY GLAND	SEMINAL VESICLES
SPLEEN	TESTES	THYMUS	THYROID GLANDS

OBSERVATIONS

KIDNEYS		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
VENTRAL PROSTATE	BILATERAL	INFLAMMATION, CHRONIC	MILD

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1043	TRT#: F1-1	DOSE: 0 ppm	SEX: Male	REMOVAL DAY: PND90
GENERATION: F1	SELECTION: F1c NonParent Males		DISP: Scheduled Removal (Terminal)	HISTO: 11864

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	COAGULATING GLANDS	DORSAL PROSTATE
EPIDIDYMIDES	LIVER	PITUITARY GLAND	SEMINAL VESICLES
SPLEEN	TESTES	THYMUS	THYROID GLANDS

OBSERVATIONS

KIDNEYS		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
VENTRAL PROSTATE	BILATERAL	INFLAMMATION, CHRONIC	MODERATE

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1051	TRT#: F1-1	DOSE: 0 ppm	SEX: Male	REMOVAL DAY: PND90
GENERATION: F1	SELECTION: F1c NonParent Males		DISP: Scheduled Removal (Terminal)	HISTO: 11900

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	COAGULATING GLANDS	DORSAL PROSTATE
EPIDIDYMIDES	LIVER	PITUITARY GLAND	SEMINAL VESICLES
SPLEEN	TESTES	THYMUS	THYROID GLANDS
VENTRAL PROSTATE			

OBSERVATIONS

KIDNEYS	CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
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Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1053	TRT#: F1-1	DOSE: 0 ppm	SEX: Male	REMOVAL DAY: PND90
GENERATION: F1	SELECTION: F1c NonParent Males		DISP: Scheduled Removal (Terminal)	HISTO: 11902

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	COAGULATING GLANDS	DORSAL PROSTATE
EPIDIDYMIDES	LIVER	PITUITARY GLAND	SEMINAL VESICLES
SPLEEN	TESTES	THYMUS	THYROID GLANDS

OBSERVATIONS

KIDNEYS		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
VENTRAL PROSTATE	BILATERAL	INFLAMMATION, CHRONIC	MILD

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1055	TRT#: F1-1	DOSE: 0 ppm	SEX: Male	REMOVAL DAY: PND90
GENERATION: F1	SELECTION: F1c NonParent Males		DISP: Scheduled Removal (Terminal)	HISTO: 11903

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	COAGULATING GLANDS	DORSAL PROSTATE
EPIDIDYMIDES	LIVER	PITUITARY GLAND	SEMINAL VESICLES
SPLEEN	TESTES	THYMUS	THYROID GLANDS

OBSERVATIONS

KIDNEYS		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
VENTRAL PROSTATE	BILATERAL	INFLAMMATION, CHRONIC	MINIMAL

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1069	TRT#: F1-1	DOSE: 0 ppm	SEX: Male	REMOVAL DAY: PND29
GENERATION: F1	SELECTION: F1c NonParent Males		DISP: Found Dead	HISTO: 12014

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	KIDNEYS	LIVER
PITUITARY GLAND	SPLEEN	THYMUS	THYROID GLANDS

MISSING

HEART	SKIN
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OBSERVATIONS

COAGULATING GLANDS	BILATERAL	IMMATURE	MARKED
DORSAL PROSTATE	BILATERAL	IMMATURE	MARKED
EPIDIDYMIDES		IMMATURE	MARKED
SEMINAL VESICLES	BILATERAL	IMMATURE	MARKED
TESTES		IMMATURE	MARKED
VENTRAL PROSTATE	BILATERAL	IMMATURE	MARKED

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1073	TRT#: F1-1	DOSE: 0 ppm	SEX: Male	REMOVAL DAY: PND90
GENERATION: F1	SELECTION: F1c NonParent Males		DISP: Scheduled Removal (Terminal)	HISTO: 12017

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	COAGULATING GLANDS	DORSAL PROSTATE
EPIDIDYMIDES	LIVER	PITUITARY GLAND	SEMINAL VESICLES
SPLEEN	TESTES	THYMUS	THYROID GLANDS

OBSERVATIONS

KIDNEYS	RENAL TUBULE	REGENERATION	FOCAL, MILD
VENTRAL PROSTATE	BILATERAL	INFLAMMATION, CHRONIC	MINIMAL

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1079	TRT#: F1-1	DOSE: 0 ppm	SEX: Male	REMOVAL DAY: PND90
GENERATION: F1	SELECTION: F1c NonParent Males		DISP: Scheduled Removal (Terminal)	HISTO: 11993

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	COAGULATING GLANDS	LIVER
PITUITARY GLAND	SEMINAL VESICLES	SPLEEN	THYMUS
THYROID GLANDS			

OBSERVATIONS

DORSAL PROSTATE	BILATERAL	INFLAMMATION, CHRONIC	MINIMAL
EPIDIDYMITES	DUCT	EXFOLIATED GERM CELL	MILD
KIDNEYS		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
	PELVIS	DILATION	MILD
TESTES	GERM CELL	DEGENERATION	MINIMAL
VENTRAL PROSTATE	BILATERAL	INFLAMMATION, CHRONIC	MILD

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1081	TRT#: F1-1	DOSE: 0 ppm	SEX: Male	REMOVAL DAY: PND90
GENERATION: F1	SELECTION: F1c NonParent Males		DISP: Scheduled Removal (Terminal)	HISTO: 11994

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	COAGULATING GLANDS	DORSAL PROSTATE
LIVER	PITUITARY GLAND	SEMINAL VESICLES	SPLEEN
THYMUS	THYROID GLANDS		

OBSERVATIONS

EPIDIDYMIDES	DUCT	EXFOLIATED GERM CELL	MILD
KIDNEYS		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
TESTES	GERM CELL	DEGENERATION	MINIMAL
VENTRAL PROSTATE	BILATERAL	INFLAMMATION, CHRONIC	MINIMAL

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1083	TRT#: F1-1	DOSE: 0 ppm	SEX: Male	REMOVAL DAY: PND90
GENERATION: F1	SELECTION: F1c NonParent Males		DISP: Scheduled Removal (Terminal)	HISTO: 11996

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	COAGULATING GLANDS	DORSAL PROSTATE
LIVER	PITUITARY GLAND	SEMINAL VESICLES	SPLEEN
THYMUS	THYROID GLANDS		

OBSERVATIONS

EPIDIDYMIDES	DUCT	EXFOLIATED GERM CELL	MILD
KIDNEYS		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
TESTES	GERM CELL	DEGENERATION	MINIMAL
VENTRAL PROSTATE	BILATERAL	INFLAMMATION, CHRONIC	MILD

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1091	TRT#: F1-1	DOSE: 0 ppm	SEX: Male	REMOVAL DAY: PND90
GENERATION: F1	SELECTION: F1c NonParent Males		DISP: Scheduled Removal (Terminal)	HISTO: 12070

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	COAGULATING GLANDS	DORSAL PROSTATE
EPIDIDYMIDES	LIVER	PITUITARY GLAND	SEMINAL VESICLES
SPLEEN	TESTES	THYMUS	THYROID GLANDS

OBSERVATIONS

KIDNEYS		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
VENTRAL PROSTATE	BILATERAL	INFLAMMATION, CHRONIC	MINIMAL

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1093	TRT#: F1-1	DOSE: 0 ppm	SEX: Male	REMOVAL DAY: PND90
GENERATION: F1	SELECTION: F1c NonParent Males		DISP: Scheduled Removal (Terminal)	HISTO: 12071

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	COAGULATING GLANDS	DORSAL PROSTATE
EPIDIDYMIDES	LIVER	PITUITARY GLAND	SEMINAL VESICLES
SPLEEN	TESTES	THYMUS	THYROID GLANDS

OBSERVATIONS

KIDNEYS		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
VENTRAL PROSTATE	BILATERAL	INFLAMMATION, CHRONIC	MINIMAL

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1099	TRT#: F1-1	DOSE: 0 ppm	SEX: Male	REMOVAL DAY: PND90
GENERATION: F1	SELECTION: F1c NonParent Males		DISP: Scheduled Removal (Terminal)	HISTO: 12123

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	COAGULATING GLANDS	DORSAL PROSTATE
EPIDIDYMIDES	LIVER	PITUITARY GLAND	SEMINAL VESICLES
SPLEEN	TESTES	THYMUS	THYROID GLANDS
VENTRAL PROSTATE			

OBSERVATIONS

KIDNEYS	CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
THYROID GLANDS		

Tissue Note: ONE OF A PAIR PRESENT.

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1101	TRT#: F1-1	DOSE: 0 ppm	SEX: Male	REMOVAL DAY: PND90
GENERATION: F1	SELECTION: F1c NonParent Males		DISP: Scheduled Removal (Terminal)	HISTO: 12124

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	COAGULATING GLANDS	DORSAL PROSTATE
EPIDIDYMIDES	PITUITARY GLAND	SEMINAL VESICLES	SPLEEN
TESTES	THYMUS	THYROID GLANDS	VENTRAL PROSTATE

OBSERVATIONS

KIDNEYS	CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER	INFLAMMATION	FOCAL, MINIMAL

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1103	TRT#: F1-1	DOSE: 0 ppm	SEX: Male	REMOVAL DAY: PND90
GENERATION: F1	SELECTION: F1c NonParent Males		DISP: Scheduled Removal (Terminal)	HISTO: 12125

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	COAGULATING GLANDS	DORSAL PROSTATE
EPIDIDYMIDES	PITUITARY GLAND	SEMINAL VESICLES	SPLEEN
TESTES	THYMUS	THYROID GLANDS	

OBSERVATIONS

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

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1115	TRT#: F1-1	DOSE: 0 ppm	SEX: Male	REMOVAL DAY: PND90
GENERATION: F1	SELECTION: F1c NonParent Males		DISP: Scheduled Removal (Terminal)	HISTO: 12253

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	COAGULATING GLANDS	DORSAL PROSTATE
EPIDIDYMIDES	LIVER	PITUITARY GLAND	SEMINAL VESICLES
SPLEEN	TESTES	THYMUS	THYROID GLANDS
VENTRAL PROSTATE			

OBSERVATIONS

KIDNEYS	CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
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Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1117	TRT#: F1-1	DOSE: 0 ppm	SEX: Male	REMOVAL DAY: PND90
GENERATION: F1	SELECTION: F1c NonParent Males		DISP: Scheduled Removal (Terminal)	HISTO: 12254

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	COAGULATING GLANDS	DORSAL PROSTATE
EPIDIDYMIDES	LIVER	PITUITARY GLAND	SEMINAL VESICLES
SPLEEN	TESTES	THYMUS	THYROID GLANDS

OBSERVATIONS

KIDNEYS		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
VENTRAL PROSTATE	BILATERAL	INFLAMMATION, CHRONIC	MILD

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1119	TRT#: F1-1	DOSE: 0 ppm	SEX: Male	REMOVAL DAY: PND90
GENERATION: F1	SELECTION: F1c NonParent Males		DISP: Scheduled Removal (Terminal)	HISTO: 12255

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	COAGULATING GLANDS	EPIDIDYMIDES
PITUITARY GLAND	SEMINAL VESICLES	SPLEEN	TESTES
THYMUS	THYROID GLANDS		

OBSERVATIONS

DORSAL PROSTATE	UNILATERAL	INFLAMMATION, ACUTE	MINIMAL
KIDNEYS		INFLAMMATION, CHRONIC	INTERSTITIAL, MINIMAL
LIVER		INFILTRATION	MONONUCLEAR CELL, MINIMAL
VENTRAL PROSTATE	BILATERAL	INFLAMMATION, CHRONIC	MILD

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1125	TRT#: F1-1	DOSE: 0 ppm	SEX: Male	REMOVAL DAY: PND90
GENERATION: F1	SELECTION: F1c NonParent Males		DISP: Scheduled Removal (Terminal)	HISTO: 12144

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	COAGULATING GLANDS	DORSAL PROSTATE
EPIDIDYMIDES	LIVER	PITUITARY GLAND	SEMINAL VESICLES
SPLEEN	TESTES	THYMUS	THYROID GLANDS

OBSERVATIONS

KIDNEYS		CHRONIC PROGRESSIVE NEPHROPATHY	MILD
VENTRAL PROSTATE	BILATERAL	INFLAMMATION, CHRONIC	MILD

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1127	TRT#: F1-1	DOSE: 0 ppm	SEX: Male	REMOVAL DAY: PND90
GENERATION: F1	SELECTION: F1c NonParent Males		DISP: Scheduled Removal (Terminal)	HISTO: 12145

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	COAGULATING GLANDS	DORSAL PROSTATE
EPIDIDYMIDES	LIVER	PITUITARY GLAND	SEMINAL VESICLES
SPLEEN	TESTES	THYMUS	THYROID GLANDS

OBSERVATIONS

KIDNEYS		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
VENTRAL PROSTATE	BILATERAL	INFLAMMATION, CHRONIC	MINIMAL

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1129	TRT#: F1-1	DOSE: 0 ppm	SEX: Male	REMOVAL DAY: PND90
GENERATION: F1	SELECTION: F1c NonParent Males		DISP: Scheduled Removal (Terminal)	HISTO: 12147

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	COAGULATING GLANDS	DORSAL PROSTATE
EPIDIDYMIDES	LIVER	PITUITARY GLAND	SEMINAL VESICLES
SPLEEN	TESTES	THYMUS	THYROID GLANDS

OBSERVATIONS

KIDNEYS		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
VENTRAL PROSTATE	BILATERAL	INFLAMMATION, CHRONIC	MINIMAL

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1137	TRT#: F1-1	DOSE: 0 ppm	SEX: Male	REMOVAL DAY: PND90
GENERATION: F1	SELECTION: F1c NonParent Males		DISP: Scheduled Removal (Terminal)	HISTO: 12263

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	COAGULATING GLANDS	DORSAL PROSTATE
EPIDIDYMIDES	KIDNEYS	LIVER	PITUITARY GLAND
SEMINAL VESICLES	SPLEEN	TESTES	THYMUS
THYROID GLANDS			

OBSERVATIONS

VENTRAL PROSTATE	BILATERAL	INFLAMMATION, CHRONIC	MILD
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Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1139	TRT#: F1-1	DOSE: 0 ppm	SEX: Male	REMOVAL DAY: PND90
GENERATION: F1	SELECTION: F1c NonParent Males		DISP: Scheduled Removal (Terminal)	HISTO: 12264

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	COAGULATING GLANDS	DORSAL PROSTATE
EPIDIDYMIDES	LIVER	PITUITARY GLAND	SEMINAL VESICLES
SPLEEN	TESTES	THYMUS	THYROID GLANDS

OBSERVATIONS

KIDNEYS		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
VENTRAL PROSTATE	BILATERAL	INFLAMMATION, CHRONIC	MINIMAL

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1141	TRT#: F1-1	DOSE: 0 ppm	SEX: Male	REMOVAL DAY: PND90
GENERATION: F1	SELECTION: F1c NonParent Males		DISP: Scheduled Removal (Terminal)	HISTO: 12265

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	COAGULATING GLANDS	DORSAL PROSTATE
EPIDIDYMIDES	LIVER	PITUITARY GLAND	SEMINAL VESICLES
SPLEEN	TESTES	THYMUS	THYROID GLANDS

OBSERVATIONS

KIDNEYS		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
VENTRAL PROSTATE	BILATERAL	INFLAMMATION, CHRONIC	MINIMAL

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1157	TRT#: F1-1	DOSE: 0 ppm	SEX: Male	REMOVAL DAY: PND90
GENERATION: F1	SELECTION: F1c NonParent Males		DISP: Scheduled Removal (Terminal)	HISTO: 12275

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	COAGULATING GLANDS	DORSAL PROSTATE
EPIDIDYMIDES	LIVER	PITUITARY GLAND	SEMINAL VESICLES
SPLEEN	TESTES	THYMUS	THYROID GLANDS
VENTRAL PROSTATE			

OBSERVATIONS

KIDNEYS	CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
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Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1159	TRT#: F1-1	DOSE: 0 ppm	SEX: Male	REMOVAL DAY: PND90
GENERATION: F1	SELECTION: F1c NonParent Males		DISP: Scheduled Removal (Terminal)	HISTO: 12276

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	COAGULATING GLANDS	DORSAL PROSTATE
EPIDIDYMIDES	LIVER	PITUITARY GLAND	SEMINAL VESICLES
SPLEEN	TESTES	THYMUS	THYROID GLANDS
VENTRAL PROSTATE			

OBSERVATIONS

KIDNEYS	CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
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Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1161	TRT#: F1-1	DOSE: 0 ppm	SEX: Male	REMOVAL DAY: PND90
GENERATION: F1	SELECTION: F1c NonParent Males		DISP: Scheduled Removal (Terminal)	HISTO: 12277

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	COAGULATING GLANDS	DORSAL PROSTATE
EPIDIDYMIDES	PITUITARY GLAND	SEMINAL VESICLES	SPLEEN
TESTES	THYMUS	THYROID GLANDS	

OBSERVATIONS

KIDNEYS		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER		INFLAMMATION	FOCAL, MINIMAL
VENTRAL PROSTATE	BILATERAL	INFLAMMATION, CHRONIC	MINIMAL

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1167	TRT#: F1-1	DOSE: 0 ppm	SEX: Male	REMOVAL DAY: PND92
GENERATION: F1	SELECTION: F1c NonParent Males		DISP: Scheduled Removal (Terminal)	HISTO: 12343

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	COAGULATING GLANDS	DORSAL PROSTATE
EPIDIDYMIDES	LIVER	PITUITARY GLAND	SEMINAL VESICLES
SPLEEN	TESTES	THYMUS	THYROID GLANDS
VENTRAL PROSTATE			

OBSERVATIONS

KIDNEYS		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
	PAPILLA	HYPERPLASIA	EPITHELIAL, MINIMAL

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1169	TRT#: F1-1	DOSE: 0 ppm	SEX: Male	REMOVAL DAY: PND92
GENERATION: F1	SELECTION: F1c NonParent Males		DISP: Scheduled Removal (Terminal)	HISTO: 12344

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	COAGULATING GLANDS	DORSAL PROSTATE
EPIDIDYMIDES	LIVER	SEMINAL VESICLES	SPLEEN
TESTES	THYMUS	THYROID GLANDS	VENTRAL PROSTATE

OBSERVATIONS

COAGULATING GLANDS

Tissue Note: ONE OF A PAIR PRESENT.

KIDNEYS		CHRONIC PROGRESSIVE NEPHROPATHY	MILD
	PELVIS	DILATION	MILD
[DILATION TGLS = 1-2]			
PITUITARY GLAND	PARS DISTALIS	CYST	

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1171	TRT#: F1-1	DOSE: 0 ppm	SEX: Male	REMOVAL DAY: PND92
GENERATION: F1	SELECTION: F1c NonParent Males		DISP: Scheduled Removal (Terminal)	HISTO: 12345

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	COAGULATING GLANDS	DORSAL PROSTATE
EPIDIDYMIDES	PITUITARY GLAND	SEMINAL VESICLES	SPLEEN
TESTES	THYMUS	THYROID GLANDS	

OBSERVATIONS

KIDNEYS		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER		INFLAMMATION	FOCAL, MINIMAL
VENTRAL PROSTATE	BILATERAL	INFLAMMATION, CHRONIC	MINIMAL

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1179	TRT#: F1-1	DOSE: 0 ppm	SEX: Male	REMOVAL DAY: PND92
GENERATION: F1	SELECTION: F1c NonParent Males		DISP: Scheduled Removal (Terminal)	HISTO: 12423

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	COAGULATING GLANDS	DORSAL PROSTATE
EPIDIDYMIDES	LIVER	PITUITARY GLAND	SEMINAL VESICLES
SPLEEN	TESTES	THYMUS	THYROID GLANDS
VENTRAL PROSTATE			

OBSERVATIONS

KIDNEYS	CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
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Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1181	TRT#: F1-1	DOSE: 0 ppm	SEX: Male	REMOVAL DAY: PND92
GENERATION: F1	SELECTION: F1c NonParent Males		DISP: Scheduled Removal (Terminal)	HISTO: 12424

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	COAGULATING GLANDS	DORSAL PROSTATE
EPIDIDYMIDES	LIVER	PITUITARY GLAND	SEMINAL VESICLES
SPLEEN	TESTES	THYMUS	THYROID GLANDS
VENTRAL PROSTATE			

OBSERVATIONS

KIDNEYS	CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
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Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1183	TRT#: F1-1	DOSE: 0 ppm	SEX: Male	REMOVAL DAY: PND92
GENERATION: F1	SELECTION: F1c NonParent Males		DISP: Scheduled Removal (Terminal)	HISTO: 12425

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	COAGULATING GLANDS	DORSAL PROSTATE
EPIDIDYMIDES	PITUITARY GLAND	SEMINAL VESICLES	SPLEEN
TESTES	THYMUS	THYROID GLANDS	

OBSERVATIONS

DIAPHRAGM [HERNIA TGLS = 1-11]		HERNIA	
KIDNEYS [CYST TGLS = 2-2A]	CORTEX	CHRONIC PROGRESSIVE NEPHROPATHY CYST	MINIMAL
LIVER [HEPATODIAPHRAGMATIC NODULE TGLS = 3-3]		HEPATODIAPHRAGMATIC NODULE	
VENTRAL PROSTATE	BILATERAL	INFLAMMATION, CHRONIC	MILD

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1189	TRT#: F1-1	DOSE: 0 ppm	SEX: Male	REMOVAL DAY: PND91
GENERATION: F1	SELECTION: F1c NonParent Males		DISP: Scheduled Removal (Terminal)	HISTO: 12493

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	COAGULATING GLANDS	DORSAL PROSTATE
EPIDIDYMIDES	LIVER	PITUITARY GLAND	SEMINAL VESICLES
SPLEEN	TESTES	THYMUS	THYROID GLANDS

OBSERVATIONS

KIDNEYS		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
VENTRAL PROSTATE	BILATERAL	INFLAMMATION, CHRONIC	MINIMAL

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1191	TRT#: F1-1	DOSE: 0 ppm	SEX: Male	REMOVAL DAY: PND91
GENERATION: F1	SELECTION: F1c NonParent Males		DISP: Scheduled Removal (Terminal)	HISTO: 12494

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	COAGULATING GLANDS	DORSAL PROSTATE
EPIDIDYMIDES	LIVER	PITUITARY GLAND	SEMINAL VESICLES
SPLEEN	TESTES		

MISSING

THYMUS	THYROID GLANDS
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OBSERVATIONS

KIDNEYS		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
VENTRAL PROSTATE	BILATERAL	INFLAMMATION, CHRONIC	MINIMAL

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1193	TRT#: F1-1	DOSE: 0 ppm	SEX: Male	REMOVAL DAY: PND91
GENERATION: F1	SELECTION: F1c NonParent Males		DISP: Scheduled Removal (Terminal)	HISTO: 12495

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	COAGULATING GLANDS	DORSAL PROSTATE
EPIDIDYMIDES	LIVER	PITUITARY GLAND	SEMINAL VESICLES
SPLEEN	TESTES	THYMUS	THYROID GLANDS

OBSERVATIONS

KIDNEYS		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
	MEDULLA	CYST	
THYROID GLANDS			
Tissue Note: ONE OF A PAIR PRESENT.			
VENTRAL PROSTATE	BILATERAL	INFLAMMATION, CHRONIC	MINIMAL

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1305	TRT#: F1-2	DOSE: 5000 ppm	SEX: Male	REMOVAL DAY: PND92
GENERATION: F1	SELECTION: F1c NonParent Males		DISP: Scheduled Removal (Terminal)	HISTO: 11683

OBSERVATIONS

LIVER	INFLAMMATION	FOCAL, MINIMAL
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Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1307	TRT#: F1-2	DOSE: 5000 ppm	SEX: Male	REMOVAL DAY: PND92
GENERATION: F1	SELECTION: F1c NonParent Males		DISP: Scheduled Removal (Terminal)	HISTO: 11685

OBSERVATIONS

LIVER	INFILTRATION	MONONUCLEAR CELL, MINIMAL
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Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1309	TRT#: F1-2	DOSE: 5000 ppm	SEX: Male	REMOVAL DAY: PND92
GENERATION: F1	SELECTION: F1c NonParent Males		DISP: Scheduled Removal (Terminal)	HISTO: 11686

TISSUE STATUS

No Visible Lesions
LIVER

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1317	TRT#: F1-2	DOSE: 5000 ppm	SEX: Male	REMOVAL DAY: PND92
GENERATION: F1	SELECTION: F1c NonParent Males		DISP: Scheduled Removal (Terminal)	HISTO: 11670

OBSERVATIONS

LIVER	INFILTRATION	MONONUCLEAR CELL, MINIMAL
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Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1319	TRT#: F1-2	DOSE: 5000 ppm	SEX: Male	REMOVAL DAY: PND92
GENERATION: F1	SELECTION: F1c NonParent Males		DISP: Scheduled Removal (Terminal)	HISTO: 11671

OBSERVATIONS

LIVER

INFILTRATION

MONONUCLEAR CELL, MINIMAL

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1321	TRT#: F1-2	DOSE: 5000 ppm	SEX: Male	REMOVAL DAY: PND92
GENERATION: F1	SELECTION: F1c NonParent Males		DISP: Scheduled Removal (Terminal)	HISTO: 11672

TISSUE STATUS

No Visible Lesions
LIVER

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1329	TRT#: F1-2	DOSE: 5000 ppm	SEX: Male	REMOVAL DAY: PND90
GENERATION: F1	SELECTION: F1c NonParent Males		DISP: Scheduled Removal (Terminal)	HISTO: 11714

TISSUE STATUS

No Visible Lesions

LIVER

OBSERVATIONS

INTESTINE, COLON [HYPERPLASIA TGLS = 1-11]	GALT	HYPERPLASIA	LYMPHOCYTE, MILD
KIDNEYS [DILATION TGLS = 2-2]	PELVIS	CHRONIC PROGRESSIVE NEPHROPATHY DILATION	MINIMAL MINIMAL

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1331	TRT#: F1-2	DOSE: 5000 ppm	SEX: Male	REMOVAL DAY: PND90
GENERATION: F1	SELECTION: F1c NonParent Males		DISP: Scheduled Removal (Terminal)	HISTO: 11715

TISSUE STATUS

No Visible Lesions
LIVER

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1333	TRT#: F1-2	DOSE: 5000 ppm	SEX: Male	REMOVAL DAY: PND90
GENERATION: F1	SELECTION: F1c NonParent Males		DISP: Scheduled Removal (Terminal)	HISTO: 11716

TISSUE STATUS

No Visible Lesions

LIVER

OBSERVATIONS

KIDNEYS		CHRONIC PROGRESSIVE NEPHROPATHY	MILD
	PELVIS	DILATION	MINIMAL
[DILATION TGLS = 1-2]			

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1341	TRT#: F1-2	DOSE: 5000 ppm	SEX: Male	REMOVAL DAY: PND90
GENERATION: F1	SELECTION: F1c NonParent Males		DISP: Scheduled Removal (Terminal)	HISTO: 11729

TISSUE STATUS

No Visible Lesions
LIVER

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1343	TRT#: F1-2	DOSE: 5000 ppm	SEX: Male	REMOVAL DAY: PND90
GENERATION: F1	SELECTION: F1c NonParent Males		DISP: Scheduled Removal (Terminal)	HISTO: 11730

TISSUE STATUS

No Visible Lesions
LIVER

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1345	TRT#: F1-2	DOSE: 5000 ppm	SEX: Male	REMOVAL DAY: PND90
GENERATION: F1	SELECTION: F1c NonParent Males		DISP: Scheduled Removal (Terminal)	HISTO: 11731

TISSUE STATUS

No Visible Lesions
LIVER

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1359	TRT#: F1-2	DOSE: 5000 ppm	SEX: Male	REMOVAL DAY: PND90
GENERATION: F1	SELECTION: F1c NonParent Males		DISP: Scheduled Removal (Terminal)	HISTO: 11942

TISSUE STATUS

No Visible Lesions
LIVER

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1361	TRT#: F1-2	DOSE: 5000 ppm	SEX: Male	REMOVAL DAY: PND90
GENERATION: F1	SELECTION: F1c NonParent Males		DISP: Scheduled Removal (Terminal)	HISTO: 11943

TISSUE STATUS

No Visible Lesions
LIVER

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1363	TRT#: F1-2	DOSE: 5000 ppm	SEX: Male	REMOVAL DAY: PND90
GENERATION: F1	SELECTION: F1c NonParent Males		DISP: Scheduled Removal (Terminal)	HISTO: 11944

OBSERVATIONS

LIVER	INFLAMMATION	FOCAL, MINIMAL
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Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1373	TRT#: F1-2	DOSE: 5000 ppm	SEX: Male	REMOVAL DAY: PND90
GENERATION: F1	SELECTION: F1c NonParent Males		DISP: Scheduled Removal (Terminal)	HISTO: 11793

TISSUE STATUS

No Visible Lesions
LIVER

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1375	TRT#: F1-2	DOSE: 5000 ppm	SEX: Male	REMOVAL DAY: PND90
GENERATION: F1	SELECTION: F1c NonParent Males		DISP: Scheduled Removal (Terminal)	HISTO: 11794

TISSUE STATUS

No Visible Lesions
LIVER

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1377	TRT#: F1-2	DOSE: 5000 ppm	SEX: Male	REMOVAL DAY: PND90
GENERATION: F1	SELECTION: F1c NonParent Males		DISP: Scheduled Removal (Terminal)	HISTO: 11795

TISSUE STATUS

No Visible Lesions
LIVER

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1385	TRT#: F1-2	DOSE: 5000 ppm	SEX: Male	REMOVAL DAY: PND90
GENERATION: F1	SELECTION: F1c NonParent Males		DISP: Scheduled Removal (Terminal)	HISTO: 12166

TISSUE STATUS

No Visible Lesions
LIVER

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1387	TRT#: F1-2	DOSE: 5000 ppm	SEX: Male	REMOVAL DAY: PND90
GENERATION: F1	SELECTION: F1c NonParent Males		DISP: Scheduled Removal (Terminal)	HISTO: 12167

TISSUE STATUS

No Visible Lesions
LIVER

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1389	TRT#: F1-2	DOSE: 5000 ppm	SEX: Male	REMOVAL DAY: PND90
GENERATION: F1	SELECTION: F1c NonParent Males		DISP: Scheduled Removal (Terminal)	HISTO: 12168

TISSUE STATUS

No Visible Lesions
LIVER

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1399	TRT#: F1-2	DOSE: 5000 ppm	SEX: Male	REMOVAL DAY: PND90
GENERATION: F1	SELECTION: F1c NonParent Males		DISP: Scheduled Removal (Terminal)	HISTO: 12291

TISSUE STATUS

No Visible Lesions
LIVER

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1401	TRT#: F1-2	DOSE: 5000 ppm	SEX: Male	REMOVAL DAY: PND90
GENERATION: F1	SELECTION: F1c NonParent Males		DISP: Scheduled Removal (Terminal)	HISTO: 12292

TISSUE STATUS

No Visible Lesions

LIVER

OBSERVATIONS

KIDNEYS		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
	PELVIS	DILATION	MINIMAL
[DILATION TGLS = 3-2]			
TESTES		NO MICROSCOPIC CORRELATION	
[NO MICROSCOPIC CORRELATION TGLS = 1-11,2-11]			

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1407	TRT#: F1-2	DOSE: 5000 ppm	SEX: Male	REMOVAL DAY: PND92
GENERATION: F1	SELECTION: F1c NonParent Males		DISP: Scheduled Removal (Terminal)	HISTO: 12403

OBSERVATIONS

LIVER

INFILTRATION

MONONUCLEAR CELL, MINIMAL

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1409	TRT#: F1-2	DOSE: 5000 ppm	SEX: Male	REMOVAL DAY: PND92
GENERATION: F1	SELECTION: F1c NonParent Males		DISP: Scheduled Removal (Terminal)	HISTO: 12404

TISSUE STATUS

No Visible Lesions
LIVER

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1415	TRT#: F1-2	DOSE: 5000 ppm	SEX: Male	REMOVAL DAY: PND92
GENERATION: F1	SELECTION: F1c NonParent Males		DISP: Scheduled Removal (Terminal)	HISTO: 12463

TISSUE STATUS

No Visible Lesions

LIVER

OBSERVATIONS

KIDNEYS		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
	PELVIS	DILATION	MINIMAL
[DILATION TGLS = 1-2]			

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1417	TRT#: F1-2	DOSE: 5000 ppm	SEX: Male	REMOVAL DAY: PND92
GENERATION: F1	SELECTION: F1c NonParent Males		DISP: Scheduled Removal (Terminal)	HISTO: 12465

TISSUE STATUS

No Visible Lesions
LIVER

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1419	TRT#: F1-2	DOSE: 5000 ppm	SEX: Male	REMOVAL DAY: PND92
GENERATION: F1	SELECTION: F1c NonParent Males		DISP: Scheduled Removal (Terminal)	HISTO: 12466

TISSUE STATUS

No Visible Lesions
LIVER

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1427	TRT#: F1-2	DOSE: 5000 ppm	SEX: Male	REMOVAL DAY: PND92
GENERATION: F1	SELECTION: F1c NonParent Males		DISP: Scheduled Removal (Terminal)	HISTO: 12434

TISSUE STATUS

No Visible Lesions
LIVER

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1429	TRT#: F1-2	DOSE: 5000 ppm	SEX: Male	REMOVAL DAY: PND92
GENERATION: F1	SELECTION: F1c NonParent Males		DISP: Scheduled Removal (Terminal)	HISTO: 12435

TISSUE STATUS

No Visible Lesions
LIVER

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1439
GENERATION: F1

TRT#: F1-2
SELECTION: F1c NonParent Males

DOSE: 5000 ppm

SEX: Male
DISP: Scheduled Removal (Terminal)

REMOVAL DAY: PND91
HISTO: 12507

TISSUE STATUS

No Visible Lesions
LIVER

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1441	TRT#: F1-2	DOSE: 5000 ppm	SEX: Male	REMOVAL DAY: PND91
GENERATION: F1	SELECTION: F1c NonParent Males		DISP: Scheduled Removal (Terminal)	HISTO: 12508

TISSUE STATUS

No Visible Lesions
LIVER

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1443	TRT#: F1-2	DOSE: 5000 ppm	SEX: Male	REMOVAL DAY: PND91
GENERATION: F1	SELECTION: F1c NonParent Males		DISP: Scheduled Removal (Terminal)	HISTO: 12509

TISSUE STATUS

No Visible Lesions
LIVER

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1605	TRT#: F1-3	DOSE: 15000 ppm	SEX: Male	REMOVAL DAY: PND92
GENERATION: F1	SELECTION: F1c NonParent Males		DISP: Scheduled Removal (Terminal)	HISTO: 11654

OBSERVATIONS

LIVER	BILE DUCT	HYPERPLASIA INFILTRATION	MINIMAL MONONUCLEAR CELL, MINIMAL
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Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1607	TRT#: F1-3	DOSE: 15000 ppm	SEX: Male	REMOVAL DAY: PND92
GENERATION: F1	SELECTION: F1c NonParent Males		DISP: Scheduled Removal (Terminal)	HISTO: 11655

OBSERVATIONS

LIVER	INFILTRATION INFLAMMATION	MONONUCLEAR CELL, MINIMAL FOCAL, MINIMAL
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Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1609	TRT#: F1-3	DOSE: 15000 ppm	SEX: Male	REMOVAL DAY: PND92
GENERATION: F1	SELECTION: F1c NonParent Males		DISP: Scheduled Removal (Terminal)	HISTO: 11656

OBSERVATIONS

LIVER	INFILTRATION	MONONUCLEAR CELL, MINIMAL
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Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1615	TRT#: F1-3	DOSE: 15000 ppm	SEX: Male	REMOVAL DAY: PND90
GENERATION: F1	SELECTION: F1c NonParent Males		DISP: Scheduled Removal (Terminal)	HISTO: 11742

OBSERVATIONS

LIVER	INFILTRATION	MONONUCLEAR CELL, MINIMAL
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Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1617	TRT#: F1-3	DOSE: 15000 ppm	SEX: Male	REMOVAL DAY: PND90
GENERATION: F1	SELECTION: F1c NonParent Males		DISP: Scheduled Removal (Terminal)	HISTO: 11743

TISSUE STATUS

No Visible Lesions

LIVER

OBSERVATIONS

KIDNEYS		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
	PELVIS	DILATION	MINIMAL
[DILATION TGLS = 1-2]			

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1619	TRT#: F1-3	DOSE: 15000 ppm	SEX: Male	REMOVAL DAY: PND90
GENERATION: F1	SELECTION: F1c NonParent Males		DISP: Scheduled Removal (Terminal)	HISTO: 11744

TISSUE STATUS

No Visible Lesions
LIVER

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1627	TRT#: F1-3	DOSE: 15000 ppm	SEX: Male	REMOVAL DAY: PND90
GENERATION: F1	SELECTION: F1c NonParent Males		DISP: Scheduled Removal (Terminal)	HISTO: 11928

OBSERVATIONS

LIVER	BILE DUCT	HYPERPLASIA INFILTRATION	MINIMAL MONONUCLEAR CELL, MINIMAL
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Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1629	TRT#: F1-3	DOSE: 15000 ppm	SEX: Male	REMOVAL DAY: PND90
GENERATION: F1	SELECTION: F1c NonParent Males		DISP: Scheduled Removal (Terminal)	HISTO: 11929

TISSUE STATUS

No Visible Lesions
LIVER

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1631	TRT#: F1-3	DOSE: 15000 ppm	SEX: Male	REMOVAL DAY: PND90
GENERATION: F1	SELECTION: F1c NonParent Males		DISP: Scheduled Removal (Terminal)	HISTO: 11930

OBSERVATIONS

LIVER	BILE DUCT	HYPERPLASIA	MINIMAL
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Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1639	TRT#: F1-3	DOSE: 15000 ppm	SEX: Male	REMOVAL DAY: PND90
GENERATION: F1	SELECTION: F1c NonParent Males		DISP: Scheduled Removal (Terminal)	HISTO: 11757

OBSERVATIONS

LIVER	INFILTRATION	MONONUCLEAR CELL, MINIMAL
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Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1641	TRT#: F1-3	DOSE: 15000 ppm	SEX: Male	REMOVAL DAY: PND90
GENERATION: F1	SELECTION: F1c NonParent Males		DISP: Scheduled Removal (Terminal)	HISTO: 11758

TISSUE STATUS

No Visible Lesions

LIVER

OBSERVATIONS

KIDNEYS		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
	PELVIS	DILATION	MINIMAL
[DILATION TGLS = 1-2]			

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1643	TRT#: F1-3	DOSE: 15000 ppm	SEX: Male	REMOVAL DAY: PND90
GENERATION: F1	SELECTION: F1c NonParent Males		DISP: Scheduled Removal (Terminal)	HISTO: 11759

OBSERVATIONS

LIVER	BILE DUCT	HYPERPLASIA INFLAMMATION	MINIMAL FOCAL, MINIMAL
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Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1657	TRT#: F1-3	DOSE: 15000 ppm	SEX: Male	REMOVAL DAY: PND90
GENERATION: F1	SELECTION: F1c NonParent Males		DISP: Scheduled Removal (Terminal)	HISTO: 11873

OBSERVATIONS

LIVER	BILE DUCT	HYPERPLASIA INFILTRATION	MINIMAL MONONUCLEAR CELL, MINIMAL
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Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1659	TRT#: F1-3	DOSE: 15000 ppm	SEX: Male	REMOVAL DAY: PND90
GENERATION: F1	SELECTION: F1c NonParent Males		DISP: Scheduled Removal (Terminal)	HISTO: 11874

OBSERVATIONS

LIVER	BILE DUCT	HYPERPLASIA INFILTRATION	MINIMAL MONONUCLEAR CELL, MINIMAL
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Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1661	TRT#: F1-3	DOSE: 15000 ppm	SEX: Male	REMOVAL DAY: PND90
GENERATION: F1	SELECTION: F1c NonParent Males		DISP: Scheduled Removal (Terminal)	HISTO: 11875

OBSERVATIONS

LIVER	BILE DUCT	HYPERPLASIA INFILTRATION	MINIMAL MONONUCLEAR CELL, MINIMAL
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Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1671	TRT#: F1-3	DOSE: 15000 ppm	SEX: Male	REMOVAL DAY: PND90
GENERATION: F1	SELECTION: F1c NonParent Males		DISP: Scheduled Removal (Terminal)	HISTO: 11830

OBSERVATIONS

LIVER	INFILTRATION	MONONUCLEAR CELL, MINIMAL
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Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1673	TRT#: F1-3	DOSE: 15000 ppm	SEX: Male	REMOVAL DAY: PND90
GENERATION: F1	SELECTION: F1c NonParent Males		DISP: Scheduled Removal (Terminal)	HISTO: 11831

OBSERVATIONS

LIVER	BILE DUCT	HYPERPLASIA INFILTRATION	MINIMAL MONONUCLEAR CELL, MINIMAL
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Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1675	TRT#: F1-3	DOSE: 15000 ppm	SEX: Male	REMOVAL DAY: PND90
GENERATION: F1	SELECTION: F1c NonParent Males		DISP: Scheduled Removal (Terminal)	HISTO: 11832

OBSERVATIONS

LIVER

INFILTRATION

MONONUCLEAR CELL, MINIMAL

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1681	TRT#: F1-3	DOSE: 15000 ppm	SEX: Male	REMOVAL DAY: PND90
GENERATION: F1	SELECTION: F1c NonParent Males		DISP: Scheduled Removal (Terminal)	HISTO: 12112

TISSUE STATUS

No Visible Lesions
LIVER

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1687	TRT#: F1-3	DOSE: 15000 ppm	SEX: Male	REMOVAL DAY: PND90
GENERATION: F1	SELECTION: F1c NonParent Males		DISP: Scheduled Removal (Terminal)	HISTO: 12030

OBSERVATIONS

LIVER	INFILTRATION	MONONUCLEAR CELL, MINIMAL
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Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1693	TRT#: F1-3	DOSE: 15000 ppm	SEX: Male	REMOVAL DAY: PND90
GENERATION: F1	SELECTION: F1c NonParent Males		DISP: Scheduled Removal (Terminal)	HISTO: 12079

OBSERVATIONS

LIVER	INFILTRATION	MONONUCLEAR CELL, MINIMAL
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Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1695	TRT#: F1-3	DOSE: 15000 ppm	SEX: Male	REMOVAL DAY: PND90
GENERATION: F1	SELECTION: F1c NonParent Males		DISP: Scheduled Removal (Terminal)	HISTO: 12080

OBSERVATIONS

LIVER	BILE DUCT	HYPERPLASIA	MINIMAL
		INFILTRATION	MONONUCLEAR CELL, MINIMAL
THYMUS		NO MICROSCOPIC CORRELATION	

[NO MICROSCOPIC CORRELATION TGLS = 1-1]

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1697	TRT#: F1-3	DOSE: 15000 ppm	SEX: Male	REMOVAL DAY: PND90
GENERATION: F1	SELECTION: F1c NonParent Males		DISP: Scheduled Removal (Terminal)	HISTO: 12082

OBSERVATIONS

LIVER	INFILTRATION INFLAMMATION	MONONUCLEAR CELL, MINIMAL FOCAL, MINIMAL
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Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1713	TRT#: F1-3	DOSE: 15000 ppm	SEX: Male	REMOVAL DAY: PND90
GENERATION: F1	SELECTION: F1c NonParent Males		DISP: Scheduled Removal (Terminal)	HISTO: 12093

OBSERVATIONS

LIVER

DEFORMITY
INFLAMMATION, GRANULOMATOUS
MINERAL

FOCAL, MINIMAL
FOCAL, MILD

[DEFORMITY TGLS = 1-3A,2-3A,3-3A]

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1715	TRT#: F1-3	DOSE: 15000 ppm	SEX: Male	REMOVAL DAY: PND90
GENERATION: F1	SELECTION: F1c NonParent Males		DISP: Scheduled Removal (Terminal)	HISTO: 12094

TISSUE STATUS

No Visible Lesions
LIVER

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1717	TRT#: F1-3	DOSE: 15000 ppm	SEX: Male	REMOVAL DAY: PND90
GENERATION: F1	SELECTION: F1c NonParent Males		DISP: Scheduled Removal (Terminal)	HISTO: 12095

TISSUE STATUS

No Visible Lesions
LIVER

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1723	TRT#: F1-3	DOSE: 15000 ppm	SEX: Male	REMOVAL DAY: PND90
GENERATION: F1	SELECTION: F1c NonParent Males		DISP: Scheduled Removal (Terminal)	HISTO: 12188

TISSUE STATUS

No Visible Lesions

ADRENAL MEDULLA

OBSERVATIONS

ADRENAL CORTEX	BILATERAL	HYPERPLASIA	MODERATE
	BILATERAL	POLYARTERITIS, NODOSA	MINIMAL
[HYPERPLASIA TGLS = 1-1,2-1]			
LIVER		INFILTRATION	MONONUCLEAR CELL, MINIMAL
		POLYARTERITIS, NODOSA	MINIMAL
SEMINAL VESICLES	UNILATERAL	POLYARTERITIS, NODOSA	MINIMAL
	BILATERAL	SECRETORY MATERIAL DECREASED	MILD
[SECRETORY MATERIAL DECREASED TGLS = 4-9]			
SPLEEN		EXTRAMEDULLARY HEMATOPOIESIS, INCREASED	MILD
[EXTRAMEDULLARY HEMATOPOIESIS, INCREASED TGLS = 5-3]			
VENTRAL PROSTATE		NO MICROSCOPIC CORRELATION	
[NO MICROSCOPIC CORRELATION TGLS = 3-9]			

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1725	TRT#: F1-3	DOSE: 15000 ppm	SEX: Male	REMOVAL DAY: PND90
GENERATION: F1	SELECTION: F1c NonParent Males		DISP: Scheduled Removal (Terminal)	HISTO: 12189

TISSUE STATUS

No Visible Lesions
LIVER

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1727	TRT#: F1-3	DOSE: 15000 ppm	SEX: Male	REMOVAL DAY: PND90
GENERATION: F1	SELECTION: F1c NonParent Males		DISP: Scheduled Removal (Terminal)	HISTO: 12190

TISSUE STATUS

No Visible Lesions

ADRENAL MEDULLA

OBSERVATIONS

ADRENAL CORTEX	BILATERAL	HYPERPLASIA	MILD
	BILATERAL	POLYARTERITIS, NODOSA	MINIMAL
[HYPERPLASIA TGLS = 1-1]			
LIVER		INFILTRATION	MONONUCLEAR CELL, MINIMAL
		POLYARTERITIS, NODOSA	MINIMAL
SEMINAL VESICLES		NO MICROSCOPIC CORRELATION	
[NO MICROSCOPIC CORRELATION TGLS = 2-9]			

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1735	TRT#: F1-3	DOSE: 15000 ppm	SEX: Male	REMOVAL DAY: PND90
GENERATION: F1	SELECTION: F1c NonParent Males		DISP: Scheduled Removal (Terminal)	HISTO: 12176

TISSUE STATUS

No Visible Lesions
LIVER

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1737	TRT#: F1-3	DOSE: 15000 ppm	SEX: Male	REMOVAL DAY: PND90
GENERATION: F1	SELECTION: F1c NonParent Males		DISP: Scheduled Removal (Terminal)	HISTO: 12177

OBSERVATIONS

LIVER	INFILTRATION	MONONUCLEAR CELL, MINIMAL
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Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1739	TRT#: F1-3	DOSE: 15000 ppm	SEX: Male	REMOVAL DAY: PND90
GENERATION: F1	SELECTION: F1c NonParent Males		DISP: Scheduled Removal (Terminal)	HISTO: 12178

OBSERVATIONS

LIVER

INFILTRATION

MONONUCLEAR CELL, MINIMAL

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1747	TRT#: F1-3	DOSE: 15000 ppm	SEX: Male	REMOVAL DAY: PND90
GENERATION: F1	SELECTION: F1c NonParent Males		DISP: Scheduled Removal (Terminal)	HISTO: 12203

OBSERVATIONS

LIVER	INFILTRATION	MONONUCLEAR CELL, MINIMAL
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Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1749	TRT#: F1-3	DOSE: 15000 ppm	SEX: Male	REMOVAL DAY: PND90
GENERATION: F1	SELECTION: F1c NonParent Males		DISP: Scheduled Removal (Terminal)	HISTO: 12205

TISSUE STATUS

No Visible Lesions
LIVER

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1751	TRT#: F1-3	DOSE: 15000 ppm	SEX: Male	REMOVAL DAY: PND90
GENERATION: F1	SELECTION: F1c NonParent Males		DISP: Scheduled Removal (Terminal)	HISTO: 12206

OBSERVATIONS

LIVER	INFILTRATION	MONONUCLEAR CELL, MINIMAL
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Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1759	TRT#: F1-3	DOSE: 15000 ppm	SEX: Male	REMOVAL DAY: PND92
GENERATION: F1	SELECTION: F1c NonParent Males		DISP: Scheduled Removal (Terminal)	HISTO: 12478

TISSUE STATUS

No Visible Lesions
LIVER

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1765	TRT#: F1-3	DOSE: 15000 ppm	SEX: Male	REMOVAL DAY: PND92
GENERATION: F1	SELECTION: F1c NonParent Males		DISP: Scheduled Removal (Terminal)	HISTO: 12364

OBSERVATIONS

LIVER	INFILTRATION	MONONUCLEAR CELL, MINIMAL
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Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1767	TRT#: F1-3	DOSE: 15000 ppm	SEX: Male	REMOVAL DAY: PND92
GENERATION: F1	SELECTION: F1c NonParent Males		DISP: Scheduled Removal (Terminal)	HISTO: 12365

TISSUE STATUS

No Visible Lesions
LIVER

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1769	TRT#: F1-3	DOSE: 15000 ppm	SEX: Male	REMOVAL DAY: PND92
GENERATION: F1	SELECTION: F1c NonParent Males		DISP: Scheduled Removal (Terminal)	HISTO: 12366

OBSERVATIONS

LIVER

DEFORMITY
INFILTRATION

MONONUCLEAR CELL, MINIMAL

[DEFORMITY TGLS = 1-3A]

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1777	TRT#: F1-3	DOSE: 15000 ppm	SEX: Male	REMOVAL DAY: PND92
GENERATION: F1	SELECTION: F1c NonParent Males		DISP: Scheduled Removal (Terminal)	HISTO: 12376

TISSUE STATUS

No Visible Lesions
LIVER

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1779	TRT#: F1-3	DOSE: 15000 ppm	SEX: Male	REMOVAL DAY: PND92
GENERATION: F1	SELECTION: F1c NonParent Males		DISP: Scheduled Removal (Terminal)	HISTO: 12377

OBSERVATIONS

KIDNEYS			CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
	PELVIS		DILATION	MILD
[DILATION TGLS = 1-2]				
LIVER			INFILTRATION	MONONUCLEAR CELL, MINIMAL

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1781	TRT#: F1-3	DOSE: 15000 ppm	SEX: Male	REMOVAL DAY: PND92
GENERATION: F1	SELECTION: F1c NonParent Males		DISP: Scheduled Removal (Terminal)	HISTO: 12378

OBSERVATIONS

EPIDIDYMIDES	DUCT	EXFOLIATED GERM CELL HYOSPERMIA	MINIMAL MILD
[HYOSPERMIA TGLS = 1-11]			
KIDNEYS	PELVIS	CHRONIC PROGRESSIVE NEPHROPATHY DILATION	MINIMAL MINIMAL
[DILATION TGLS = 2-2]			
LIVER		INFILTRATION	MONONUCLEAR CELL, MINIMAL
TESTES	GERM CELL	DEGENERATION	MILD
[DEGENERATION TGLS = 3-11]			

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1791	TRT#: F1-3	DOSE: 15000 ppm	SEX: Male	REMOVAL DAY: PND92
GENERATION: F1	SELECTION: F1c NonParent Males		DISP: Scheduled Removal (Terminal)	HISTO: 12412

TISSUE STATUS

No Visible Lesions
LIVER

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1797	TRT#: F1-3	DOSE: 15000 ppm	SEX: Male	REMOVAL DAY: PND92
GENERATION: F1	SELECTION: F1c NonParent Males		DISP: Scheduled Removal (Terminal)	HISTO: 12388

OBSERVATIONS

LIVER	INFILTRATION	MONONUCLEAR CELL, MINIMAL
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Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1799	TRT#: F1-3	DOSE: 15000 ppm	SEX: Male	REMOVAL DAY: PND92
GENERATION: F1	SELECTION: F1c NonParent Males		DISP: Scheduled Removal (Terminal)	HISTO: 12389

OBSERVATIONS

LIVER

INFILTRATION

MONONUCLEAR CELL, MINIMAL

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1801	TRT#: F1-3	DOSE: 15000 ppm	SEX: Male	REMOVAL DAY: PND92
GENERATION: F1	SELECTION: F1c NonParent Males		DISP: Scheduled Removal (Terminal)	HISTO: 12390

OBSERVATIONS

LIVER	INFILTRATION	MONONUCLEAR CELL, MINIMAL
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Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1989	TRT#: F1-4	DOSE: 40000 ppm	SEX: Male	REMOVAL DAY: PND90
GENERATION: F1	SELECTION: F1c NonParent Males		DISP: Scheduled Removal (Terminal)	HISTO: 12318

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	COAGULATING GLANDS	DORSAL PROSTATE
LIVER	PITUITARY GLAND	SEMINAL VESICLES	SPLEEN
THYMUS	THYROID GLANDS	VENTRAL PROSTATE	

OBSERVATIONS

EPIDIDYMIDES	DUCT	EXFOLIATED GERM CELL	MILD
[EXFOLIATED GERM CELL TGLS = 1-11]			
KIDNEYS		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
TESTES	GERM CELL	DEGENERATION	MINIMAL
[DEGENERATION TGLS = 2-11]			

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1991	TRT#: F1-4	DOSE: 40000 ppm	SEX: Male	REMOVAL DAY: PND90
GENERATION: F1	SELECTION: F1c NonParent Males		DISP: Scheduled Removal (Terminal)	HISTO: 12319

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	COAGULATING GLANDS	DORSAL PROSTATE
EPIDIDYMIDES	KIDNEYS	LIVER	PITUITARY GLAND
SEMINAL VESICLES	SPLEEN	TESTES	THYMUS
THYROID GLANDS	VENTRAL PROSTATE		

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1999	TRT#: F1-4	DOSE: 40000 ppm	SEX: Male	REMOVAL DAY: PND90
GENERATION: F1	SELECTION: F1c NonParent Males		DISP: Scheduled Removal (Terminal)	HISTO: 12326

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	COAGULATING GLANDS	DORSAL PROSTATE
EPIDIDYMIDES	KIDNEYS	PITUITARY GLAND	SEMINAL VESICLES
SPLEEN	TESTES	THYMUS	THYROID GLANDS
VENTRAL PROSTATE			

OBSERVATIONS

LIVER	BILE DUCT	HYPERPLASIA	MINIMAL
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Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 2017	TRT#: F1-4	DOSE: 40000 ppm	SEX: Male	REMOVAL DAY: PND90
GENERATION: F1	SELECTION: F1c NonParent Males		DISP: Scheduled Removal (Terminal)	HISTO: 12221

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	COAGULATING GLANDS	DORSAL PROSTATE
EPIDIDYMIDES	KIDNEYS	PITUITARY GLAND	SEMINAL VESICLES
SPLEEN	TESTES	THYMUS	THYROID GLANDS

OBSERVATIONS

LIVER	BILE DUCT	HYPERPLASIA	MINIMAL
VENTRAL PROSTATE	BILATERAL	INFLAMMATION, CHRONIC	MINIMAL

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 2035	TRT#: F1-4	DOSE: 40000 ppm	SEX: Male	REMOVAL DAY: PND90
GENERATION: F1	SELECTION: F1c NonParent Males		DISP: Scheduled Removal (Terminal)	HISTO: 12243

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	COAGULATING GLANDS	DORSAL PROSTATE
EPIDIDYMIDES	KIDNEYS	PITUITARY GLAND	SEMINAL VESICLES
SPLEEN	TESTES	THYMUS	THYROID GLANDS

OBSERVATIONS

LIVER	BILE DUCT	HYPERPLASIA	MINIMAL
VENTRAL PROSTATE	BILATERAL	INFLAMMATION, CHRONIC	MINIMAL

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 2047	TRT#: F1-4	DOSE: 40000 ppm	SEX: Male	REMOVAL DAY: PND92
GENERATION: F1	SELECTION: F1c NonParent Males		DISP: Scheduled Removal (Terminal)	HISTO: 12450

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	COAGULATING GLANDS	DORSAL PROSTATE
EPIDIDYMIDES	KIDNEYS	PITUITARY GLAND	SEMINAL VESICLES
TESTES	THYMUS	THYROID GLANDS	

OBSERVATIONS

LIVER	BILE DUCT	HYPERPLASIA	MINIMAL
SPLEEN		ACCESSORY NODULE	
[ACCESSORY NODULE TGLS = 1-3A,2-3]			
VENTRAL PROSTATE	BILATERAL	INFLAMMATION, CHRONIC	MINIMAL

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1001	TRT#: F1-1	DOSE: 0 ppm	SEX: Male	REMOVAL DAY: PND211
GENERATION: F1	SELECTION: F1c Parental Males		DISP: Scheduled Removal (Terminal)	HISTO: 11662

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	COAGULATING GLANDS	DORSAL PROSTATE
EPIDIDYMIDES	LIVER	PITUITARY GLAND	SEMINAL VESICLES
SPLEEN	TESTES	THYMUS	THYROID GLANDS
VENTRAL PROSTATE			

OBSERVATIONS

KIDNEYS	CHRONIC PROGRESSIVE NEPHROPATHY	MILD
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Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1003	TRT#: F1-1	DOSE: 0 ppm	SEX: Male	REMOVAL DAY: PND211
GENERATION: F1	SELECTION: F1c Parental Males		DISP: Scheduled Removal (Terminal)	HISTO: 11663

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	COAGULATING GLANDS	DORSAL PROSTATE
EPIDIDYMIDES	LIVER	PITUITARY GLAND	SEMINAL VESICLES
SPLEEN	TESTES	THYMUS	THYROID GLANDS
VENTRAL PROSTATE			

OBSERVATIONS

KIDNEYS	CHRONIC PROGRESSIVE NEPHROPATHY	MILD
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Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1007	TRT#: F1-1	DOSE: 0 ppm	SEX: Male	REMOVAL DAY: PND191
GENERATION: F1	SELECTION: F1c Parental Males		DISP: Euthanized Moribund	HISTO: 11641

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	COAGULATING GLANDS	EPIDIDYMIDES
LIVER	SEMINAL VESICLES	STOMACH	TESTES
THYROID GLANDS	VENTRAL PROSTATE		

OBSERVATIONS

BRAIN, FOREBRAIN [SCHWANNOMA TGLS = 1-10]		SCHWANNOMA	MALIGNANT
DORSAL PROSTATE	UNILATERAL	INFLAMMATION, CHRONIC	MINIMAL
KIDNEYS		CHRONIC PROGRESSIVE NEPHROPATHY	MILD
	PELVIS	MINERAL	MILD
LUNGS [CONGESTION TGLS = 2-11]		CONGESTION	MILD
PANCREAS [NO MICROSCOPIC CORRELATION TGLS = 3-12]		NO MICROSCOPIC CORRELATION	
PITUITARY GLAND	PARS DISTALIS	CYST	
PREPUTIAL GLANDS [INFLAMMATION, CHRONIC TGLS = 4-13,5-13]	BILATERAL	INFLAMMATION, CHRONIC	MILD
SPLEEN	LYMPHOCYTE	DEPLETION	MILD
THYMUS		ATROPHY	MILD

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1009	TRT#: F1-1	DOSE: 0 ppm	SEX: Male	REMOVAL DAY: PND211
GENERATION: F1	SELECTION: F1c Parental Males		DISP: Scheduled Removal (Terminal)	HISTO: 11642

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	COAGULATING GLANDS	DORSAL PROSTATE
EPIDIDYMIDES	LIVER	MAMMARY GLANDS	PITUITARY GLAND
SEMINAL VESICLES	SPLEEN	TESTES	THYMUS
THYROID GLANDS	VENTRAL PROSTATE		

OBSERVATIONS

KIDNEYS	CHRONIC PROGRESSIVE NEPHROPATHY	MILD
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Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1019	TRT#: F1-1	DOSE: 0 ppm	SEX: Male	REMOVAL DAY: PND211
GENERATION: F1	SELECTION: F1c Parental Males		DISP: Scheduled Removal (Terminal)	HISTO: 11647

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	COAGULATING GLANDS	DORSAL PROSTATE
EPIDIDYMIDES	MAMMARY GLANDS	PITUITARY GLAND	SEMINAL VESICLES
SPLEEN	TESTES	THYMUS	THYROID GLANDS

OBSERVATIONS

KIDNEYS		CHRONIC PROGRESSIVE NEPHROPATHY	MODERATE
LIVER		CLEAR CELL FOCUS	
LYMPH NODE	ABDOMINAL	PIGMENT	MILD
[PIGMENT TGLS = 1-11]			
VENTRAL PROSTATE	BILATERAL	INFLAMMATION, CHRONIC	MINIMAL

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1023	TRT#: F1-1	DOSE: 0 ppm	SEX: Male	REMOVAL DAY: PND210
GENERATION: F1	SELECTION: F1c Parental Males		DISP: Scheduled Removal (Terminal)	HISTO: 11812

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	COAGULATING GLANDS	DORSAL PROSTATE
EPIDIDYMIDES	LIVER	LYMPH NODE, CERVICAL	PITUITARY GLAND
SALIVARY GLANDS	SEMINAL VESICLES	SPLEEN	TESTES
THYROID GLANDS			

OBSERVATIONS

KIDNEYS		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
THYMUS		HYPERPLASIA	EPITHELIAL, MINIMAL
VENTRAL PROSTATE	BILATERAL	INFLAMMATION, CHRONIC	MINIMAL

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1025	TRT#: F1-1	DOSE: 0 ppm	SEX: Male	REMOVAL DAY: PND210
GENERATION: F1	SELECTION: F1c Parental Males		DISP: Scheduled Removal (Terminal)	HISTO: 11813

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	COAGULATING GLANDS	DORSAL PROSTATE
EPIDIDYMIDES	LIVER	LYMPH NODE, CERVICAL	PITUITARY GLAND
SALIVARY GLANDS	SEMINAL VESICLES	SPLEEN	THYMUS
THYROID GLANDS			

OBSERVATIONS

FAT		NECROSIS	MILD
KIDNEYS		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
	MEDULLA	CYST	
PREPUTIAL GLANDS	BILATERAL	INFLAMMATION, CHRONIC	MILD
TESTES		NO MICROSCOPIC CORRELATION	
[NO MICROSCOPIC CORRELATION TGLS = 1-13]			
VENTRAL PROSTATE	BILATERAL	INFLAMMATION, CHRONIC	MILD

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1035	TRT#: F1-1	DOSE: 0 ppm	SEX: Male	REMOVAL DAY: PND210
GENERATION: F1	SELECTION: F1c Parental Males		DISP: Scheduled Removal (Terminal)	HISTO: 11860

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	COAGULATING GLANDS	DORSAL PROSTATE
EPIDIDYMIDES	LIVER	PITUITARY GLAND	SEMINAL VESICLES
SPLEEN	TESTES	THYMUS	THYROID GLANDS
VENTRAL PROSTATE			

OBSERVATIONS

KIDNEYS	CHRONIC PROGRESSIVE NEPHROPATHY	MILD
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Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1037	TRT#: F1-1	DOSE: 0 ppm	SEX: Male	REMOVAL DAY: PND210
GENERATION: F1	SELECTION: F1c Parental Males		DISP: Scheduled Removal (Terminal)	HISTO: 11861

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	COAGULATING GLANDS	DORSAL PROSTATE
EPIDIDYMIDES	LIVER	PITUITARY GLAND	SEMINAL VESICLES
SPLEEN	TESTES	THYMUS	THYROID GLANDS
VENTRAL PROSTATE			

OBSERVATIONS

KIDNEYS	CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
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Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1047	TRT#: F1-1	DOSE: 0 ppm	SEX: Male	REMOVAL DAY: PND210
GENERATION: F1	SELECTION: F1c Parental Males		DISP: Scheduled Removal (Terminal)	HISTO: 11898

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	COAGULATING GLANDS	DORSAL PROSTATE
EPIDIDYMIDES	PITUITARY GLAND	SEMINAL VESICLES	SPLEEN
TESTES	THYMUS	THYROID GLANDS	

OBSERVATIONS

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

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1049	TRT#: F1-1	DOSE: 0 ppm	SEX: Male	REMOVAL DAY: PND211
GENERATION: F1	SELECTION: F1c Parental Males		DISP: Scheduled Removal (Terminal)	HISTO: 11899

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	COAGULATING GLANDS	DORSAL PROSTATE
EPIDIDYMIDES	PITUITARY GLAND	SEMINAL VESICLES	SPLEEN
TESTES	THYMUS	THYROID GLANDS	VENTRAL PROSTATE

OBSERVATIONS

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

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1057	TRT#: F1-1	DOSE: 0 ppm	SEX: Male	REMOVAL DAY: PND211
GENERATION: F1	SELECTION: F1c Parental Males		DISP: Scheduled Removal (Terminal)	HISTO: 11904

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	COAGULATING GLANDS	DORSAL PROSTATE
EPIDIDYMIDES	LIVER	PITUITARY GLAND	SEMINAL VESICLES
SPLEEN	TESTES	THYMUS	THYROID GLANDS
VENTRAL PROSTATE			

OBSERVATIONS

KIDNEYS	CHRONIC PROGRESSIVE NEPHROPATHY	MILD
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Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1061	TRT#: F1-1	DOSE: 0 ppm	SEX: Male	REMOVAL DAY: PND210
GENERATION: F1	SELECTION: F1c Parental Males		DISP: Scheduled Removal (Terminal)	HISTO: 12004

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	COAGULATING GLANDS	DORSAL PROSTATE
EPIDIDYMIDES	PITUITARY GLAND	SEMINAL VESICLES	SPLEEN
TESTES	THYMUS	THYROID GLANDS	VENTRAL PROSTATE

OBSERVATIONS

KIDNEYS	CHRONIC PROGRESSIVE NEPHROPATHY	MODERATE
LIVER	CLEAR CELL FOCUS	

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1063	TRT#: F1-1	DOSE: 0 ppm	SEX: Male	REMOVAL DAY: PND210
GENERATION: F1	SELECTION: F1c Parental Males		DISP: Scheduled Removal (Terminal)	HISTO: 12005

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	COAGULATING GLANDS	DORSAL PROSTATE
EPIDIDYMIDES	PITUITARY GLAND	SEMINAL VESICLES	SPLEEN
TESTES	THYMUS	THYROID GLANDS	VENTRAL PROSTATE

OBSERVATIONS

KIDNEYS		CHRONIC PROGRESSIVE NEPHROPATHY	MILD
LIVER	BILE DUCT	HYPERPLASIA	MINIMAL

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1065	TRT#: F1-1	DOSE: 0 ppm	SEX: Male	REMOVAL DAY: PND210
GENERATION: F1	SELECTION: F1c Parental Males		DISP: Scheduled Removal (Terminal)	HISTO: 12061

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	COAGULATING GLANDS	DORSAL PROSTATE
EPIDIDYMIDES	LIVER	PITUITARY GLAND	SEMINAL VESICLES
SPLEEN	TESTES	THYMUS	THYROID GLANDS
VENTRAL PROSTATE			

OBSERVATIONS

KIDNEYS	CHRONIC PROGRESSIVE NEPHROPATHY	MODERATE
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Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1067	TRT#: F1-1	DOSE: 0 ppm	SEX: Male	REMOVAL DAY: PND210
GENERATION: F1	SELECTION: F1c Parental Males		DISP: Scheduled Removal (Terminal)	HISTO: 12013

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	COAGULATING GLANDS	DORSAL PROSTATE
EPIDIDYMIDES	PITUITARY GLAND	SEMINAL VESICLES	SPLEEN
TESTES	THYMUS	THYROID GLANDS	VENTRAL PROSTATE

OBSERVATIONS

KIDNEYS		CHRONIC PROGRESSIVE NEPHROPATHY	MILD
	PELVIS	DILATION	MINIMAL
[DILATION TGLS = 2-2]			
LIVER		HEPATODIAPHRAGMATIC NODULE	
[HEPATODIAPHRAGMATIC NODULE TGLS = 1-10]			

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1071	TRT#: F1-1	DOSE: 0 ppm	SEX: Male	REMOVAL DAY: PND210
GENERATION: F1	SELECTION: F1c Parental Males		DISP: Scheduled Removal (Terminal)	HISTO: 12015

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	COAGULATING GLANDS	DORSAL PROSTATE
EPIDIDYMIDES	PITUITARY GLAND	SEMINAL VESICLES	SPLEEN
TESTES	THYMUS	THYROID GLANDS	VENTRAL PROSTATE

OBSERVATIONS

COAGULATING GLANDS Tissue Note: ONE OF A PAIR PRESENT.			
KIDNEYS		CHRONIC PROGRESSIVE NEPHROPATHY	MILD
LIVER		HEPATODIAPHRAGMATIC NODULE INFLAMMATION	FOCAL, MINIMAL
SEMINAL VESICLES Tissue Note: ONE OF A PAIR PRESENT.			

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1075	TRT#: F1-1	DOSE: 0 ppm	SEX: Male	REMOVAL DAY: PND210
GENERATION: F1	SELECTION: F1c Parental Males		DISP: Scheduled Removal (Terminal)	HISTO: 11991

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	COAGULATING GLANDS	DORSAL PROSTATE
EPIDIDYMIDES	LIVER	PITUITARY GLAND	SEMINAL VESICLES
SPLEEN	THYMUS	THYROID GLANDS	VENTRAL PROSTATE

OBSERVATIONS

KIDNEYS		CHRONIC PROGRESSIVE NEPHROPATHY	MILD
TESTES	GERM CELL	DEGENERATION	MINIMAL

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1077	TRT#: F1-1	DOSE: 0 ppm	SEX: Male	REMOVAL DAY: PND210
GENERATION: F1	SELECTION: F1c Parental Males		DISP: Scheduled Removal (Terminal)	HISTO: 11992

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	COAGULATING GLANDS	DORSAL PROSTATE
EPIDIDYMIDES	LIVER	PITUITARY GLAND	SEMINAL VESICLES
SPLEEN	THYMUS	THYROID GLANDS	VENTRAL PROSTATE

OBSERVATIONS

KIDNEYS		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
	PELVIS	DILATION	MILD
	PELVIS	MINERAL	MILD
[DILATION TGLS = 1-2]			
TESTES	GERM CELL	DEGENERATION	MINIMAL

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1087	TRT#: F1-1	DOSE: 0 ppm	SEX: Male	REMOVAL DAY: PND210
GENERATION: F1	SELECTION: F1c Parental Males		DISP: Scheduled Removal (Terminal)	HISTO: 12068

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	COAGULATING GLANDS	DORSAL PROSTATE
EPIDIDYMIDES	LIVER	PITUITARY GLAND	SEMINAL VESICLES
SPLEEN	TESTES	THYMUS	THYROID GLANDS
VENTRAL PROSTATE			

OBSERVATIONS

KIDNEYS	CHRONIC PROGRESSIVE NEPHROPATHY	MILD
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Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1089	TRT#: F1-1	DOSE: 0 ppm	SEX: Male	REMOVAL DAY: PND213
GENERATION: F1	SELECTION: F1c Parental Males		DISP: Scheduled Removal (Terminal)	HISTO: 12069

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	COAGULATING GLANDS	DORSAL PROSTATE
EPIDIDYMIDES	PITUITARY GLAND	SEMINAL VESICLES	SPLEEN
TESTES	THYMUS	THYROID GLANDS	VENTRAL PROSTATE

OBSERVATIONS

KIDNEYS	CHRONIC PROGRESSIVE NEPHROPATHY	MILD
LIVER	INFLAMMATION	FOCAL, MINIMAL

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1095	TRT#: F1-1	DOSE: 0 ppm	SEX: Male	REMOVAL DAY: PND212
GENERATION: F1	SELECTION: F1c Parental Males		DISP: Scheduled Removal (Terminal)	HISTO: 12121

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	COAGULATING GLANDS	DORSAL PROSTATE
EPIDIDYMIDES	PITUITARY GLAND	SEMINAL VESICLES	SPLEEN
TESTES	THYMUS	THYROID GLANDS	VENTRAL PROSTATE

OBSERVATIONS

KIDNEYS	CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER	INFLAMMATION	FOCAL, MINIMAL

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1097	TRT#: F1-1	DOSE: 0 ppm	SEX: Male	REMOVAL DAY: PND212
GENERATION: F1	SELECTION: F1c Parental Males		DISP: Scheduled Removal (Terminal)	HISTO: 12122

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	COAGULATING GLANDS	DORSAL PROSTATE
PITUITARY GLAND	SEMINAL VESICLES	SPLEEN	THYMUS
THYROID GLANDS	VENTRAL PROSTATE		

OBSERVATIONS

EPIDIDYMIDES	DUCT	EXFOLIATED GERM CELL HYOSPERMIA	MINIMAL MARKED
[HYOSPERMIA TGLS = 1-8]			
KIDNEYS		CHRONIC PROGRESSIVE NEPHROPATHY	MILD
LIVER		INFLAMMATION	FOCAL, MINIMAL
TESTES	GERMINAL EPITHELIUM	ATROPHY	MARKED
	INTERSTITIAL CELL	HYPERPLASIA	MINIMAL
[ATROPHY TGLS = 2-8]			

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1107	TRT#: F1-1	DOSE: 0 ppm	SEX: Male	REMOVAL DAY: PND212
GENERATION: F1	SELECTION: F1c Parental Males		DISP: Scheduled Removal (Terminal)	HISTO: 12133

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	COAGULATING GLANDS	DORSAL PROSTATE
EPIDIDYMIDES	LIVER	PITUITARY GLAND	SEMINAL VESICLES
SPLEEN	TESTES	THYMUS	THYROID GLANDS

OBSERVATIONS

KIDNEYS		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
VENTRAL PROSTATE	UNILATERAL	INFLAMMATION, CHRONIC	MINIMAL

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1109	TRT#: F1-1	DOSE: 0 ppm	SEX: Male	REMOVAL DAY: PND212
GENERATION: F1	SELECTION: F1c Parental Males		DISP: Scheduled Removal (Terminal)	HISTO: 12134

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	COAGULATING GLANDS	DORSAL PROSTATE
EPIDIDYMIDES	LIVER	PITUITARY GLAND	SEMINAL VESICLES
SPLEEN	TESTES	THYMUS	THYROID GLANDS
VENTRAL PROSTATE			

OBSERVATIONS

KIDNEYS		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
	PELVIS	DILATION	MINIMAL
	PELVIS	MINERAL	MINIMAL

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1111	TRT#: F1-1	DOSE: 0 ppm	SEX: Male	REMOVAL DAY: PND212
GENERATION: F1	SELECTION: F1c Parental Males		DISP: Scheduled Removal (Terminal)	HISTO: 12251

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	COAGULATING GLANDS	DORSAL PROSTATE
EPIDIDYMIDES	PITUITARY GLAND	SEMINAL VESICLES	SPLEEN
TESTES	THYMUS	THYROID GLANDS	

OBSERVATIONS

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

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1113	TRT#: F1-1	DOSE: 0 ppm	SEX: Male	REMOVAL DAY: PND212
GENERATION: F1	SELECTION: F1c Parental Males		DISP: Scheduled Removal (Terminal)	HISTO: 12252

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	COAGULATING GLANDS	DORSAL PROSTATE
EPIDIDYMIDES	LIVER	PITUITARY GLAND	SEMINAL VESICLES
SPLEEN	TESTES	THYMUS	THYROID GLANDS

OBSERVATIONS

KIDNEYS		CHRONIC PROGRESSIVE NEPHROPATHY	MILD
VENTRAL PROSTATE	BILATERAL	INFLAMMATION, CHRONIC	MINIMAL

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1121	TRT#: F1-1	DOSE: 0 ppm	SEX: Male	REMOVAL DAY: PND212
GENERATION: F1	SELECTION: F1c Parental Males		DISP: Scheduled Removal (Terminal)	HISTO: 12142

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	COAGULATING GLANDS	DORSAL PROSTATE
EPIDIDYMIDES	PITUITARY GLAND	SEMINAL VESICLES	SPLEEN
TESTES	THYMUS	THYROID GLANDS	

OBSERVATIONS

KIDNEYS		CHRONIC PROGRESSIVE NEPHROPATHY	MILD
LIVER	BILE DUCT	HYPERPLASIA	MINIMAL
VENTRAL PROSTATE	BILATERAL	INFLAMMATION, CHRONIC	MILD

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1123	TRT#: F1-1	DOSE: 0 ppm	SEX: Male	REMOVAL DAY: PND212
GENERATION: F1	SELECTION: F1c Parental Males		DISP: Scheduled Removal (Terminal)	HISTO: 12143

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	COAGULATING GLANDS	DORSAL PROSTATE
EPIDIDYMIDES	PITUITARY GLAND	SEMINAL VESICLES	SPLEEN
TESTES	THYMUS	THYROID GLANDS	VENTRAL PROSTATE

OBSERVATIONS

KIDNEYS	CHRONIC PROGRESSIVE NEPHROPATHY	MILD
LIVER	INFLAMMATION	FOCAL, MINIMAL

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1133	TRT#: F1-1	DOSE: 0 ppm	SEX: Male	REMOVAL DAY: PND212
GENERATION: F1	SELECTION: F1c Parental Males		DISP: Scheduled Removal (Terminal)	HISTO: 12261

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	COAGULATING GLANDS	DORSAL PROSTATE
EPIDIDYMIDES	LIVER	PITUITARY GLAND	SEMINAL VESICLES
SPLEEN	TESTES	THYMUS	THYROID GLANDS
VENTRAL PROSTATE			

OBSERVATIONS

KIDNEYS	CHRONIC PROGRESSIVE NEPHROPATHY	MILD
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Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1135	TRT#: F1-1	DOSE: 0 ppm	SEX: Male	REMOVAL DAY: PND213
GENERATION: F1	SELECTION: F1c Parental Males		DISP: Scheduled Removal (Terminal)	HISTO: 12262

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	COAGULATING GLANDS	DORSAL PROSTATE
EPIDIDYMIDES	PITUITARY GLAND	SEMINAL VESICLES	SPLEEN
TESTES	THYMUS	THYROID GLANDS	VENTRAL PROSTATE

OBSERVATIONS

KIDNEYS		CHRONIC PROGRESSIVE NEPHROPATHY	MILD
LIVER		CHOLANGIOFIBROSIS	MINIMAL
	BILE DUCT	HYPERPLASIA	MINIMAL

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1143	TRT#: F1-1	DOSE: 0 ppm	SEX: Male	REMOVAL DAY: PND213
GENERATION: F1	SELECTION: F1c Parental Males		DISP: Scheduled Removal (Terminal)	HISTO: 12266

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	COAGULATING GLANDS	DORSAL PROSTATE
EPIDIDYMIDES	LIVER	PITUITARY GLAND	SEMINAL VESICLES
SPLEEN	TESTES	THYMUS	THYROID GLANDS
VENTRAL PROSTATE			

OBSERVATIONS

KIDNEYS	CHRONIC PROGRESSIVE NEPHROPATHY	MILD
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Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1153	TRT#: F1-1	DOSE: 0 ppm	SEX: Male	REMOVAL DAY: PND213
GENERATION: F1	SELECTION: F1c Parental Males		DISP: Scheduled Removal (Terminal)	HISTO: 12273

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	COAGULATING GLANDS	DORSAL PROSTATE
EPIDIDYMIDES	PITUITARY GLAND	SEMINAL VESICLES	SPLEEN
TESTES	THYMUS	THYROID GLANDS	VENTRAL PROSTATE

OBSERVATIONS

KIDNEYS	CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER	INFLAMMATION	FOCAL, MINIMAL

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1155	TRT#: F1-1	DOSE: 0 ppm	SEX: Male	REMOVAL DAY: PND213
GENERATION: F1	SELECTION: F1c Parental Males		DISP: Scheduled Removal (Terminal)	HISTO: 12274

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	COAGULATING GLANDS	DORSAL PROSTATE
EPIDIDYMIDES	LIVER	PITUITARY GLAND	SEMINAL VESICLES
SPLEEN	TESTES	THYMUS	THYROID GLANDS
VENTRAL PROSTATE			

OBSERVATIONS

KIDNEYS	CHRONIC PROGRESSIVE NEPHROPATHY	MODERATE
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Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1163	TRT#: F1-1	DOSE: 0 ppm	SEX: Male	REMOVAL DAY: PND212
GENERATION: F1	SELECTION: F1c Parental Males		DISP: Scheduled Removal (Terminal)	HISTO: 12341

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	COAGULATING GLANDS	DORSAL PROSTATE
EPIDIDYMIDES	LIVER	PITUITARY GLAND	SEMINAL VESICLES
SPLEEN	TESTES	THYMUS	THYROID GLANDS
VENTRAL PROSTATE			

OBSERVATIONS

KIDNEYS	CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
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Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1165	TRT#: F1-1	DOSE: 0 ppm	SEX: Male	REMOVAL DAY: PND212
GENERATION: F1	SELECTION: F1c Parental Males		DISP: Scheduled Removal (Terminal)	HISTO: 12342

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	COAGULATING GLANDS	DORSAL PROSTATE
EPIDIDYMIDES	LIVER	PITUITARY GLAND	SEMINAL VESICLES
SPLEEN	TESTES	THYMUS	THYROID GLANDS

OBSERVATIONS

KIDNEYS		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
	PELVIS	MINERAL	MINIMAL
VENTRAL PROSTATE	BILATERAL	INFLAMMATION, CHRONIC	MINIMAL

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1175	TRT#: F1-1	DOSE: 0 ppm	SEX: Male	REMOVAL DAY: PND212
GENERATION: F1	SELECTION: F1c Parental Males		DISP: Scheduled Removal (Terminal)	HISTO: 12422

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	COAGULATING GLANDS	DORSAL PROSTATE
EPIDIDYMIDES	LIVER	PITUITARY GLAND	SEMINAL VESICLES
SPLEEN	TESTES	THYROID GLANDS	VENTRAL PROSTATE

OBSERVATIONS

KIDNEYS		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
	PELVIS	MINERAL	MINIMAL
THYMUS		HYPERPLASIA	EPITHELIAL, MINIMAL

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1177	TRT#: F1-1	DOSE: 0 ppm	SEX: Male	REMOVAL DAY: PND212
GENERATION: F1	SELECTION: F1c Parental Males		DISP: Scheduled Removal (Terminal)	HISTO: 12521

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	COAGULATING GLANDS	DORSAL PROSTATE
EPIDIDYMIDES	PITUITARY GLAND	SEMINAL VESICLES	SPLEEN
TESTES	THYMUS	THYROID GLANDS	VENTRAL PROSTATE

OBSERVATIONS

KIDNEYS		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
	PELVIS	MINERAL	MILD
LIVER		HEPATODIAPHRAGMATIC NODULE	

[HEPATODIAPHRAGMATIC NODULE TGLS = 1-3]

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1185	TRT#: F1-1	DOSE: 0 ppm	SEX: Male	REMOVAL DAY: PND211
GENERATION: F1	SELECTION: F1c Parental Males		DISP: Scheduled Removal (Terminal)	HISTO: 12491

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	COAGULATING GLANDS	DORSAL PROSTATE
EPIDIDYMIDES	LIVER	PITUITARY GLAND	SEMINAL VESICLES
SPLEEN	TESTES	THYMUS	THYROID GLANDS
VENTRAL PROSTATE			

OBSERVATIONS

KIDNEYS	CHRONIC PROGRESSIVE NEPHROPATHY	MILD
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Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1187	TRT#: F1-1	DOSE: 0 ppm	SEX: Male	REMOVAL DAY: PND211
GENERATION: F1	SELECTION: F1c Parental Males		DISP: Scheduled Removal (Terminal)	HISTO: 12492

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	COAGULATING GLANDS	DORSAL PROSTATE
EPIDIDYMIDES	LIVER	PITUITARY GLAND	SEMINAL VESICLES
SPLEEN	THYMUS	THYROID GLANDS	VENTRAL PROSTATE

OBSERVATIONS

KIDNEYS		CHRONIC PROGRESSIVE NEPHROPATHY	MILD
TESTES	GERM CELL	DEGENERATION	MINIMAL

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1301	TRT#: F1-2	DOSE: 5000 ppm	SEX: Male	REMOVAL DAY: PND211
GENERATION: F1	SELECTION: F1c Parental Males		DISP: Scheduled Removal (Terminal)	HISTO: 11681

OBSERVATIONS

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

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1303	TRT#: F1-2	DOSE: 5000 ppm	SEX: Male	REMOVAL DAY: PND211
GENERATION: F1	SELECTION: F1c Parental Males		DISP: Scheduled Removal (Terminal)	HISTO: 11682

OBSERVATIONS

LIVER	INFILTRATION	MONONUCLEAR CELL, MINIMAL
SKIN	INFLAMMATION, SUPPURATIVE	MARKED

[INFLAMMATION, SUPPURATIVE TGLS = 1-10]

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1313	TRT#: F1-2	DOSE: 5000 ppm	SEX: Male	REMOVAL DAY: PND211
GENERATION: F1	SELECTION: F1c Parental Males		DISP: Scheduled Removal (Terminal)	HISTO: 11668

TISSUE STATUS

No Visible Lesions
LIVER

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1315	TRT#: F1-2	DOSE: 5000 ppm	SEX: Male	REMOVAL DAY: PND211
GENERATION: F1	SELECTION: F1c Parental Males		DISP: Scheduled Removal (Terminal)	HISTO: 11669

TISSUE STATUS

No Visible Lesions
LIVER

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1325	TRT#: F1-2	DOSE: 5000 ppm	SEX: Male	REMOVAL DAY: PND210
GENERATION: F1	SELECTION: F1c Parental Males		DISP: Scheduled Removal (Terminal)	HISTO: 11711

TISSUE STATUS

No Visible Lesions
LIVER

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1327	TRT#: F1-2	DOSE: 5000 ppm	SEX: Male	REMOVAL DAY: PND210
GENERATION: F1	SELECTION: F1c Parental Males		DISP: Scheduled Removal (Terminal)	HISTO: 11713

TISSUE STATUS

No Visible Lesions
LIVER

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1335	TRT#: F1-2	DOSE: 5000 ppm	SEX: Male	REMOVAL DAY: PND210
GENERATION: F1	SELECTION: F1c Parental Males		DISP: Scheduled Removal (Terminal)	HISTO: 11717

TISSUE STATUS

No Visible Lesions
LIVER

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1337	TRT#: F1-2	DOSE: 5000 ppm	SEX: Male	REMOVAL DAY: PND210
GENERATION: F1	SELECTION: F1c Parental Males		DISP: Scheduled Removal (Terminal)	HISTO: 11727

TISSUE STATUS

No Visible Lesions

LIVER

OBSERVATIONS

PREPUTIAL GLANDS	BILATERAL	INFLAMMATION, CHRONIC	MILD
[INFLAMMATION, CHRONIC TGLS = 1-10]			

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1339	TRT#: F1-2	DOSE: 5000 ppm	SEX: Male	REMOVAL DAY: PND210
GENERATION: F1	SELECTION: F1c Parental Males		DISP: Scheduled Removal (Terminal)	HISTO: 11728

OBSERVATIONS

LIVER

INFILTRATION

MONONUCLEAR CELL, MINIMAL

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1347	TRT#: F1-2	DOSE: 5000 ppm	SEX: Male	REMOVAL DAY: PND210
GENERATION: F1	SELECTION: F1c Parental Males		DISP: Scheduled Removal (Terminal)	HISTO: 11732

TISSUE STATUS

No Visible Lesions
LIVER

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1349	TRT#: F1-2	DOSE: 5000 ppm	SEX: Male	REMOVAL DAY: PND211
GENERATION: F1	SELECTION: F1c Parental Males		DISP: Scheduled Removal (Terminal)	HISTO: 11733

TISSUE STATUS

No Visible Lesions
LIVER

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1353	TRT#: F1-2	DOSE: 5000 ppm	SEX: Male	REMOVAL DAY: PND211
GENERATION: F1	SELECTION: F1c Parental Males		DISP: Scheduled Removal (Terminal)	HISTO: 11735

OBSERVATIONS

LIVER	INFLAMMATION	FOCAL, MINIMAL
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Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1355	TRT#: F1-2	DOSE: 5000 ppm	SEX: Male	REMOVAL DAY: PND172
GENERATION: F1	SELECTION: F1c Parental Males		DISP: Euthanized Moribund	HISTO: 11940

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	BRAIN	COAGULATING GLANDS
DORSAL PROSTATE	EPIDIDYMIDES	LIVER	PITUITARY GLAND
SEMINAL VESICLES	SPLEEN	TESTES	THYMUS
THYROID GLANDS	VENTRAL PROSTATE		

OBSERVATIONS

HEART [VALVULOPATHY TGLS = 1-11]	AORTIC VALVE	VALVULOPATHY	MILD
KIDNEYS		CHRONIC PROGRESSIVE NEPHROPATHY	MODERATE
PANCREAS [NO MICROSCOPIC CORRELATION TGLS = 2-12,3-12]		NO MICROSCOPIC CORRELATION	

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1357	TRT#: F1-2	DOSE: 5000 ppm	SEX: Male	REMOVAL DAY: PND148
GENERATION: F1	SELECTION: F1c Parental Males		DISP: Euthanized Moribund	HISTO: 11941

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	BRAIN	COAGULATING GLANDS
DORSAL PROSTATE	EPIDIDYMIDES	LIVER	PITUITARY GLAND
SEMINAL VESICLES	SPLEEN	TESTES	THYROID GLANDS
VENTRAL PROSTATE			

OBSERVATIONS

EPIDIDYMIDES

Tissue Note: ONE OF A PAIR PRESENT.

HEART NO MICROSCOPIC CORRELATION

[NO MICROSCOPIC CORRELATION TGLS = 1-12,2-12]

KIDNEYS CHRONIC PROGRESSIVE NEPHROPATHY MILD

THYMUS HEMORRHAGE MILD

[HEMORRHAGE TGLS = 3-1]

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1365	TRT#: F1-2	DOSE: 5000 ppm	SEX: Male	REMOVAL DAY: PND117
GENERATION: F1	SELECTION: F1c Parental Males		DISP: Euthanized Moribund	HISTO: 11945

TISSUE STATUS

No Visible Lesions

ADRENAL MEDULLA	COAGULATING GLANDS	DORSAL PROSTATE	EPIDIDYMIDES
LIVER	PITUITARY GLAND	SEMINAL VESICLES	SPLEEN
TESTES	THYROID GLANDS	VENTRAL PROSTATE	

OBSERVATIONS

ADRENAL CORTEX	BILATERAL	VACUOLIZATION CYTOPLASMIC	DIFFUSE, MILD
KIDNEYS		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
THYMUS		APOPTOSIS	LYMPHOCYTE, MILD

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1367	TRT#: F1-2	DOSE: 5000 ppm	SEX: Male	REMOVAL DAY: PND211
GENERATION: F1	SELECTION: F1c Parental Males		DISP: Scheduled Removal (Terminal)	HISTO: 11966

OBSERVATIONS

LIVER			CLEAR CELL FOCUS	
	BILE DUCT		HYPERPLASIA	MINIMAL
			NECROSIS	FOCAL, MINIMAL

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1369	TRT#: F1-2	DOSE: 5000 ppm	SEX: Male	REMOVAL DAY: PND211
GENERATION: F1	SELECTION: F1c Parental Males		DISP: Scheduled Removal (Terminal)	HISTO: 11791

TISSUE STATUS

No Visible Lesions
LIVER

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1371	TRT#: F1-2	DOSE: 5000 ppm	SEX: Male	REMOVAL DAY: PND211
GENERATION: F1	SELECTION: F1c Parental Males		DISP: Scheduled Removal (Terminal)	HISTO: 11792

OBSERVATIONS

LIVER

CLEAR CELL FOCUS
INFLAMMATION

FOCAL, MINIMAL

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1379	TRT#: F1-2	DOSE: 5000 ppm	SEX: Male	REMOVAL DAY: PND211
GENERATION: F1	SELECTION: F1c Parental Males		DISP: Scheduled Removal (Terminal)	HISTO: 11797

OBSERVATIONS

LIVER	INFLAMMATION	FOCAL, MINIMAL
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Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1381	TRT#: F1-2	DOSE: 5000 ppm	SEX: Male	REMOVAL DAY: PND209
GENERATION: F1	SELECTION: F1c Parental Males		DISP: Scheduled Removal (Terminal)	HISTO: 12164

TISSUE STATUS

No Visible Lesions

LIVER

OBSERVATIONS

KIDNEYS		CHRONIC PROGRESSIVE NEPHROPATHY	MILD
	PELVIS	DILATION	MILD
[DILATION TGLS = 1-2]			

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1383	TRT#: F1-2	DOSE: 5000 ppm	SEX: Male	REMOVAL DAY: PND212
GENERATION: F1	SELECTION: F1c Parental Males		DISP: Scheduled Removal (Terminal)	HISTO: 12165

TISSUE STATUS

No Visible Lesions
LIVER

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1391	TRT#: F1-2	DOSE: 5000 ppm	SEX: Male	REMOVAL DAY: PND212
GENERATION: F1	SELECTION: F1c Parental Males		DISP: Scheduled Removal (Terminal)	HISTO: 12169

TISSUE STATUS

No Visible Lesions
LIVER

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1393	TRT#: F1-2	DOSE: 5000 ppm	SEX: Male	REMOVAL DAY: PND212
GENERATION: F1	SELECTION: F1c Parental Males		DISP: Scheduled Removal (Terminal)	HISTO: 12170

OBSERVATIONS

LIVER	INFLAMMATION	FOCAL, MINIMAL
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Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1395	TRT#: F1-2	DOSE: 5000 ppm	SEX: Male	REMOVAL DAY: PND212
GENERATION: F1	SELECTION: F1c Parental Males		DISP: Scheduled Removal (Terminal)	HISTO: 12289

OBSERVATIONS

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

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1397	TRT#: F1-2	DOSE: 5000 ppm	SEX: Male	REMOVAL DAY: PND212
GENERATION: F1	SELECTION: F1c Parental Males		DISP: Scheduled Removal (Terminal)	HISTO: 12290

OBSERVATIONS

LIVER	INFILTRATION	MONONUCLEAR CELL, MINIMAL
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Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1403	TRT#: F1-2	DOSE: 5000 ppm	SEX: Male	REMOVAL DAY: PND211
GENERATION: F1	SELECTION: F1c Parental Males		DISP: Scheduled Removal (Terminal)	HISTO: 12401

TISSUE STATUS

No Visible Lesions
LIVER

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1405	TRT#: F1-2	DOSE: 5000 ppm	SEX: Male	REMOVAL DAY: PND211
GENERATION: F1	SELECTION: F1c Parental Males		DISP: Scheduled Removal (Terminal)	HISTO: 12402

OBSERVATIONS

LIVER	BILE DUCT	HYPERPLASIA INFLAMMATION	MINIMAL FOCAL, MINIMAL
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Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1411	TRT#: F1-2	DOSE: 5000 ppm	SEX: Male	REMOVAL DAY: PND211
GENERATION: F1	SELECTION: F1c Parental Males		DISP: Scheduled Removal (Terminal)	HISTO: 12461

TISSUE STATUS

No Visible Lesions
LIVER

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1413	TRT#: F1-2	DOSE: 5000 ppm	SEX: Male	REMOVAL DAY: PND211
GENERATION: F1	SELECTION: F1c Parental Males		DISP: Scheduled Removal (Terminal)	HISTO: 12462

TISSUE STATUS

No Visible Lesions
LIVER

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1421	TRT#: F1-2	DOSE: 5000 ppm	SEX: Male	REMOVAL DAY: PND211
GENERATION: F1	SELECTION: F1c Parental Males		DISP: Scheduled Removal (Terminal)	HISTO: 12467

TISSUE STATUS

No Visible Lesions
LIVER

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1423	TRT#: F1-2	DOSE: 5000 ppm	SEX: Male	REMOVAL DAY: PND212
GENERATION: F1	SELECTION: F1c Parental Males		DISP: Scheduled Removal (Terminal)	HISTO: 12432

TISSUE STATUS

No Visible Lesions
LIVER

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1425	TRT#: F1-2	DOSE: 5000 ppm	SEX: Male	REMOVAL DAY: PND212
GENERATION: F1	SELECTION: F1c Parental Males		DISP: Scheduled Removal (Terminal)	HISTO: 12433

OBSERVATIONS

LIVER CLEAR CELL FOCUS

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1433	TRT#: F1-2	DOSE: 5000 ppm	SEX: Male	REMOVAL DAY: PND212
GENERATION: F1	SELECTION: F1c Parental Males		DISP: Scheduled Removal (Terminal)	HISTO: 12437

TISSUE STATUS

No Visible Lesions
LIVER

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1437	TRT#: F1-2	DOSE: 5000 ppm	SEX: Male	REMOVAL DAY: PND211
GENERATION: F1	SELECTION: F1c Parental Males		DISP: Scheduled Removal (Terminal)	HISTO: 12506

TISSUE STATUS

No Visible Lesions
LIVER

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1445	TRT#: F1-2	DOSE: 5000 ppm	SEX: Male	REMOVAL DAY: PND211
GENERATION: F1	SELECTION: F1c Parental Males		DISP: Scheduled Removal (Terminal)	HISTO: 12510

TISSUE STATUS

No Visible Lesions
LIVER

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1447	TRT#: F1-2	DOSE: 5000 ppm	SEX: Male	REMOVAL DAY: PND211
GENERATION: F1	SELECTION: F1c Parental Males		DISP: Scheduled Removal (Terminal)	HISTO: 12511

TISSUE STATUS

No Visible Lesions
LIVER

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1449	TRT#: F1-2	DOSE: 5000 ppm	SEX: Male	REMOVAL DAY: PND211
GENERATION: F1	SELECTION: F1c Parental Males		DISP: Scheduled Removal (Terminal)	HISTO: 12512

TISSUE STATUS

No Visible Lesions
LIVER

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1451	TRT#: F1-2	DOSE: 5000 ppm	SEX: Male	REMOVAL DAY: PND207
GENERATION: F1	SELECTION: F1c Parental Males		DISP: Scheduled Removal (Terminal)	HISTO: 12541

TISSUE STATUS

No Visible Lesions
LIVER

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1453	TRT#: F1-2	DOSE: 5000 ppm	SEX: Male	REMOVAL DAY: PND207
GENERATION: F1	SELECTION: F1c Parental Males		DISP: Scheduled Removal (Terminal)	HISTO: 12542

OBSERVATIONS

LIVER	INFILTRATION	MONONUCLEAR CELL, MINIMAL
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Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1601	TRT#: F1-3	DOSE: 15000 ppm	SEX: Male	REMOVAL DAY: PND211
GENERATION: F1	SELECTION: F1c Parental Males		DISP: Scheduled Removal (Terminal)	HISTO: 11652

OBSERVATIONS

LIVER

INFILTRATION

MONONUCLEAR CELL, MINIMAL

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1603	TRT#: F1-3	DOSE: 15000 ppm	SEX: Male	REMOVAL DAY: PND211
GENERATION: F1	SELECTION: F1c Parental Males		DISP: Scheduled Removal (Terminal)	HISTO: 11653

OBSERVATIONS

LIVER

INFILTRATION

MONONUCLEAR CELL, MINIMAL

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1611	TRT#: F1-3	DOSE: 15000 ppm	SEX: Male	REMOVAL DAY: PND210
GENERATION: F1	SELECTION: F1c Parental Males		DISP: Scheduled Removal (Terminal)	HISTO: 11740

OBSERVATIONS

LIVER

INFILTRATION

MONONUCLEAR CELL, MINIMAL

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1613	TRT#: F1-3	DOSE: 15000 ppm	SEX: Male	REMOVAL DAY: PND210
GENERATION: F1	SELECTION: F1c Parental Males		DISP: Scheduled Removal (Terminal)	HISTO: 11741

OBSERVATIONS

LIVER	INFILTRATION	MONONUCLEAR CELL, MINIMAL
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Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1623	TRT#: F1-3	DOSE: 15000 ppm	SEX: Male	REMOVAL DAY: PND210
GENERATION: F1	SELECTION: F1c Parental Males		DISP: Scheduled Removal (Terminal)	HISTO: 11926

OBSERVATIONS

FAT [NO MICROSCOPIC CORRELATION TGLS = 1-8]		NO MICROSCOPIC CORRELATION	
LIVER	BILE DUCT	HYPERPLASIA	MINIMAL
	HEPATOCYTE	INFILTRATION	MONONUCLEAR CELL, MINIMAL
LYMPH NODE, CERVICAL [NO MICROSCOPIC CORRELATION TGLS = 2-10,3-10]		VACUOLATION	CYTOPLASMIC, MINIMAL
SALIVARY GLANDS [EDEMA TGLS = 4-11]		NO MICROSCOPIC CORRELATION	
		EDEMA	PERIGLANDULAR, MILD

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1625	TRT#: F1-3	DOSE: 15000 ppm	SEX: Male	REMOVAL DAY: PND210
GENERATION: F1	SELECTION: F1c Parental Males		DISP: Scheduled Removal (Terminal)	HISTO: 11927

TISSUE STATUS

No Visible Lesions

LIVER

OBSERVATIONS

PREPUTIAL GLANDS

[NO MICROSCOPIC FINDING RECORDED TGLS = 1-NCL,2-NCL]

NO MICROSCOPIC FINDING RECORDED

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1635	TRT#: F1-3	DOSE: 15000 ppm	SEX: Male	REMOVAL DAY: PND210
GENERATION: F1	SELECTION: F1c Parental Males		DISP: Scheduled Removal (Terminal)	HISTO: 11754

OBSERVATIONS

LIVER	BILE DUCT	HYPERPLASIA	MINIMAL
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Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1637
GENERATION: F1

TRT#: F1-3
SELECTION: F1c Parental Males

DOSE: 15000 ppm

SEX: Male
DISP: Scheduled Removal (Terminal)

REMOVAL DAY: PND210
HISTO: 11755

OBSERVATIONS

LIVER

INFILTRATION

MONONUCLEAR CELL, MINIMAL

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1645	TRT#: F1-3	DOSE: 15000 ppm	SEX: Male	REMOVAL DAY: PND210
GENERATION: F1	SELECTION: F1c Parental Males		DISP: Scheduled Removal (Terminal)	HISTO: 11760

TISSUE STATUS

No Visible Lesions

EYES

OBSERVATIONS

LIVER

INFILTRATION

MONONUCLEAR CELL, MINIMAL

SKIN

EYELID

ULCER

MILD

[ULCER TGLS = 1-11]

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1653	TRT#: F1-3	DOSE: 15000 ppm	SEX: Male	REMOVAL DAY: PND210
GENERATION: F1	SELECTION: F1c Parental Males		DISP: Scheduled Removal (Terminal)	HISTO: 11871

OBSERVATIONS

LIVER	BILE DUCT	HYPERPLASIA INFILTRATION	MINIMAL MONONUCLEAR CELL, MINIMAL
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Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1655	TRT#: F1-3	DOSE: 15000 ppm	SEX: Male	REMOVAL DAY: PND211
GENERATION: F1	SELECTION: F1c Parental Males		DISP: Scheduled Removal (Terminal)	HISTO: 11872

OBSERVATIONS

LIVER	BILE DUCT	HYPERPLASIA	MINIMAL
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Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1663	TRT#: F1-3	DOSE: 15000 ppm	SEX: Male	REMOVAL DAY: PND211
GENERATION: F1	SELECTION: F1c Parental Males		DISP: Scheduled Removal (Terminal)	HISTO: 11876

OBSERVATIONS

LIVER	BILE DUCT HEPATOCYTE	HYPERPLASIA VACUOLATION	MINIMAL CYTOPLASMIC, MINIMAL
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Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1667	TRT#: F1-3	DOSE: 15000 ppm	SEX: Male	REMOVAL DAY: PND211
GENERATION: F1	SELECTION: F1c Parental Males		DISP: Scheduled Removal (Terminal)	HISTO: 11828

OBSERVATIONS

LIVER	INFILTRATION	MONONUCLEAR CELL, MINIMAL
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Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1669	TRT#: F1-3	DOSE: 15000 ppm	SEX: Male	REMOVAL DAY: PND211
GENERATION: F1	SELECTION: F1c Parental Males		DISP: Scheduled Removal (Terminal)	HISTO: 11829

OBSERVATIONS

KIDNEYS		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
	PELVIS	DILATION	MILD
[DILATION TGLS = 1-2]			
LIVER		CLEAR CELL FOCUS	
	BILE DUCT	HYPERPLASIA	MINIMAL
		INFILTRATION	MONONUCLEAR CELL, MINIMAL
	HEPATOCYTE	VACUOLATION	CYTOPLASMIC, MINIMAL

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1677	TRT#: F1-3	DOSE: 15000 ppm	SEX: Male	REMOVAL DAY: PND210
GENERATION: F1	SELECTION: F1c Parental Males		DISP: Scheduled Removal (Terminal)	HISTO: 12110

OBSERVATIONS

LIVER	INFILTRATION	MONONUCLEAR CELL, MINIMAL
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Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1679	TRT#: F1-3	DOSE: 15000 ppm	SEX: Male	REMOVAL DAY: PND210
GENERATION: F1	SELECTION: F1c Parental Males		DISP: Scheduled Removal (Terminal)	HISTO: 12111

OBSERVATIONS

LIVER	CLEAR CELL FOCUS INFILTRATION	MONONUCLEAR CELL, MINIMAL
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Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1683	TRT#: F1-3	DOSE: 15000 ppm	SEX: Male	REMOVAL DAY: PND210
GENERATION: F1	SELECTION: F1c Parental Males		DISP: Scheduled Removal (Terminal)	HISTO: 12028

OBSERVATIONS

LIVER	HEPATOCTE	INFILTRATION VACUOLATION	MONONUCLEAR CELL, MINIMAL CYTOPLASMIC, MINIMAL
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Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1685	TRT#: F1-3	DOSE: 15000 ppm	SEX: Male	REMOVAL DAY: PND210
GENERATION: F1	SELECTION: F1c Parental Males		DISP: Scheduled Removal (Terminal)	HISTO: 12029

OBSERVATIONS

LIVER

INFILTRATION

MONONUCLEAR CELL, MINIMAL

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1689	TRT#: F1-3	DOSE: 15000 ppm	SEX: Male	REMOVAL DAY: PND210
GENERATION: F1	SELECTION: F1c Parental Males		DISP: Scheduled Removal (Terminal)	HISTO: 12077

TISSUE STATUS

No Visible Lesions
LIVER

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1691	TRT#: F1-3	DOSE: 15000 ppm	SEX: Male	REMOVAL DAY: PND103
GENERATION: F1	SELECTION: F1c Parental Males		DISP: Unscheduled Sacrifice	HISTO: 12078

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	COAGULATING GLANDS	DORSAL PROSTATE
PITUITARY GLAND	SEMINAL VESICLES	SPLEEN	TESTES
THYMUS	THYROID GLANDS	VENTRAL PROSTATE	

OBSERVATIONS

EPIDIDYMIDES		HYOSPERMIA	MARKED
[HYOSPERMIA TGLS = 1-11]			
KIDNEYS		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
	PELVIS	DILATION	MINIMAL
LIVER	BILE DUCT	HYPERPLASIA	MINIMAL

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1699	TRT#: F1-3	DOSE: 15000 ppm	SEX: Male	REMOVAL DAY: PND213
GENERATION: F1	SELECTION: F1c Parental Males		DISP: Scheduled Removal (Terminal)	HISTO: 12083

OBSERVATIONS

LIVER	INFILTRATION	MONONUCLEAR CELL, MINIMAL
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Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1709	TRT#: F1-3	DOSE: 15000 ppm	SEX: Male	REMOVAL DAY: PND213
GENERATION: F1	SELECTION: F1c Parental Males		DISP: Scheduled Removal (Terminal)	HISTO: 12091

OBSERVATIONS

LIVER

CLEAR CELL FOCUS
INFILTRATION

MONONUCLEAR CELL, MINIMAL

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1711	TRT#: F1-3	DOSE: 15000 ppm	SEX: Male	REMOVAL DAY: PND213
GENERATION: F1	SELECTION: F1c Parental Males		DISP: Scheduled Removal (Terminal)	HISTO: 12092

OBSERVATIONS

LIVER	BILE DUCT	HYPERPLASIA	MINIMAL
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Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1719	TRT#: F1-3	DOSE: 15000 ppm	SEX: Male	REMOVAL DAY: PND212
GENERATION: F1	SELECTION: F1c Parental Males		DISP: Scheduled Removal (Terminal)	HISTO: 12185

OBSERVATIONS

LIVER	INFILTRATION	MONONUCLEAR CELL, MINIMAL
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Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1721	TRT#: F1-3	DOSE: 15000 ppm	SEX: Male	REMOVAL DAY: PND212
GENERATION: F1	SELECTION: F1c Parental Males		DISP: Scheduled Removal (Terminal)	HISTO: 12186

OBSERVATIONS

LIVER	BILE DUCT	HYPERPLASIA INFILTRATION NECROSIS	MINIMAL MONONUCLEAR CELL, MINIMAL FOCAL, MINIMAL
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Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1731	TRT#: F1-3	DOSE: 15000 ppm	SEX: Male	REMOVAL DAY: PND212
GENERATION: F1	SELECTION: F1c Parental Males		DISP: Scheduled Removal (Terminal)	HISTO: 12174

OBSERVATIONS

LIVER	INFILTRATION	MONONUCLEAR CELL, MINIMAL
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Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1733	TRT#: F1-3	DOSE: 15000 ppm	SEX: Male	REMOVAL DAY: PND212
GENERATION: F1	SELECTION: F1c Parental Males		DISP: Scheduled Removal (Terminal)	HISTO: 12175

OBSERVATIONS

LIVER

INFILTRATION

MONONUCLEAR CELL, MINIMAL

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1743	TRT#: F1-3	DOSE: 15000 ppm	SEX: Male	REMOVAL DAY: PND212
GENERATION: F1	SELECTION: F1c Parental Males		DISP: Scheduled Removal (Terminal)	HISTO: 12201

OBSERVATIONS

LIVER

HEPATOCTE

INFILTRATION
VACUOLATION

MONONUCLEAR CELL, MINIMAL
CYTOPLASMIC, MINIMAL

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1745	TRT#: F1-3	DOSE: 15000 ppm	SEX: Male	REMOVAL DAY: PND212
GENERATION: F1	SELECTION: F1c Parental Males		DISP: Scheduled Removal (Terminal)	HISTO: 12202

OBSERVATIONS

LIVER

HEPATOCYTE

INFILTRATION
VACUOLATION

MONONUCLEAR CELL, MINIMAL
CYTOPLASMIC, MINIMAL

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1755	TRT#: F1-3	DOSE: 15000 ppm	SEX: Male	REMOVAL DAY: PND211
GENERATION: F1	SELECTION: F1c Parental Males		DISP: Scheduled Removal (Terminal)	HISTO: 12475

OBSERVATIONS

LIVER	BILE DUCT	HYPERPLASIA INFILTRATION INFLAMMATION	MINIMAL MONONUCLEAR CELL, MINIMAL FOCAL, MINIMAL
	HEPATOCYTE	VACUOLATION	CYTOPLASMIC, MINIMAL

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1757	TRT#: F1-3	DOSE: 15000 ppm	SEX: Male	REMOVAL DAY: PND212
GENERATION: F1	SELECTION: F1c Parental Males		DISP: Scheduled Removal (Terminal)	HISTO: 12476

OBSERVATIONS

LIVER	BILE DUCT HEPATOCYTE	HYPERPLASIA VACUOLATION	MINIMAL CYTOPLASMIC, MINIMAL
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Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1761	TRT#: F1-3	DOSE: 15000 ppm	SEX: Male	REMOVAL DAY: PND212
GENERATION: F1	SELECTION: F1c Parental Males		DISP: Scheduled Removal (Terminal)	HISTO: 12361

OBSERVATIONS

LIVER	INFILTRATION	MONONUCLEAR CELL, MINIMAL
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Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1763	TRT#: F1-3	DOSE: 15000 ppm	SEX: Male	REMOVAL DAY: PND212
GENERATION: F1	SELECTION: F1c Parental Males		DISP: Scheduled Removal (Terminal)	HISTO: 12362

OBSERVATIONS

LIVER	INFILTRATION	MONONUCLEAR CELL, MINIMAL
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Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1773	TRT#: F1-3	DOSE: 15000 ppm	SEX: Male	REMOVAL DAY: PND212
GENERATION: F1	SELECTION: F1c Parental Males		DISP: Scheduled Removal (Terminal)	HISTO: 12374

OBSERVATIONS

LIVER

INFILTRATION
INFLAMMATION

MONONUCLEAR CELL, MINIMAL
FOCAL, MINIMAL

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1775	TRT#: F1-3	DOSE: 15000 ppm	SEX: Male	REMOVAL DAY: PND212
GENERATION: F1	SELECTION: F1c Parental Males		DISP: Scheduled Removal (Terminal)	HISTO: 12375

OBSERVATIONS

LIVER

INFILTRATION

MONONUCLEAR CELL, MINIMAL

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1783	TRT#: F1-3	DOSE: 15000 ppm	SEX: Male	REMOVAL DAY: PND212
GENERATION: F1	SELECTION: F1c Parental Males		DISP: Scheduled Removal (Terminal)	HISTO: 12379

OBSERVATIONS

LIVER

INFILTRATION

MONONUCLEAR CELL, MINIMAL

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1787	TRT#: F1-3	DOSE: 15000 ppm	SEX: Male	REMOVAL DAY: PND212
GENERATION: F1	SELECTION: F1c Parental Males		DISP: Scheduled Removal (Terminal)	HISTO: 12410

OBSERVATIONS

LIVER

INFILTRATION
INFLAMMATION

MONONUCLEAR CELL, MINIMAL
FOCAL, MINIMAL

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1789	TRT#: F1-3	DOSE: 15000 ppm	SEX: Male	REMOVAL DAY: PND212
GENERATION: F1	SELECTION: F1c Parental Males		DISP: Scheduled Removal (Terminal)	HISTO: 12411

OBSERVATIONS

LIVER	BILE DUCT	HYPERPLASIA INFILTRATION	MINIMAL MONONUCLEAR CELL, MINIMAL
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Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1793	TRT#: F1-3	DOSE: 15000 ppm	SEX: Male	REMOVAL DAY: PND212
GENERATION: F1	SELECTION: F1c Parental Males		DISP: Scheduled Removal (Terminal)	HISTO: 12386

OBSERVATIONS

LIVER	HEPATOCTE	FATTY CHANGE INFILTRATION	FOCAL, MINIMAL MONONUCLEAR CELL, MINIMAL
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Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1795	TRT#: F1-3	DOSE: 15000 ppm	SEX: Male	REMOVAL DAY: PND212
GENERATION: F1	SELECTION: F1c Parental Males		DISP: Scheduled Removal (Terminal)	HISTO: 12387

OBSERVATIONS

LIVER	HEPATOCYTE	INFILTRATION VACUOLATION	MONONUCLEAR CELL, MINIMAL CYTOPLASMIC, MINIMAL
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Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1979	TRT#: F1-4	DOSE: 40000 ppm	SEX: Male	REMOVAL DAY: PND208
GENERATION: F1	SELECTION: F1c Parental Males		DISP: Scheduled Removal (Terminal)	HISTO: 12312

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	COAGULATING GLANDS	DORSAL PROSTATE
EPIDIDYMIDES	PITUITARY GLAND	SEMINAL VESICLES	SPLEEN
TESTES	THYMUS	THYROID GLANDS	VENTRAL PROSTATE

OBSERVATIONS

KIDNEYS		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER	HEPATOCYTE	VACUOLATION	CYTOPLASMIC, MINIMAL

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1981	TRT#: F1-4	DOSE: 40000 ppm	SEX: Male	REMOVAL DAY: PND208
GENERATION: F1	SELECTION: F1c Parental Males		DISP: Scheduled Removal (Terminal)	HISTO: 12313

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	COAGULATING GLANDS	DORSAL PROSTATE
EPIDIDYMIDES	PITUITARY GLAND	SEMINAL VESICLES	SPLEEN
TESTES	THYMUS	THYROID GLANDS	VENTRAL PROSTATE

OBSERVATIONS

KIDNEYS		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER	BILE DUCT	HYPERPLASIA	MINIMAL
	HEPATOCYTE	VACUOLATION	CYTOPLASMIC, MINIMAL

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1983	TRT#: F1-4	DOSE: 40000 ppm	SEX: Male	REMOVAL DAY: PND208
GENERATION: F1	SELECTION: F1c Parental Males		DISP: Scheduled Removal (Terminal)	HISTO: 12314

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	COAGULATING GLANDS	DORSAL PROSTATE
EPIDIDYMIDES	PITUITARY GLAND	SEMINAL VESICLES	SPLEEN
THYMUS	THYROID GLANDS	VENTRAL PROSTATE	

OBSERVATIONS

KIDNEYS		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER	BILE DUCT	HYPERPLASIA	MINIMAL
	HEPATOCYTE	VACUOLATION	CYTOPLASMIC, MINIMAL
TESTES	GERM CELL	DEGENERATION	MINIMAL

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1985	TRT#: F1-4	DOSE: 40000 ppm	SEX: Male	REMOVAL DAY: PND208
GENERATION: F1	SELECTION: F1c Parental Males		DISP: Scheduled Removal (Terminal)	HISTO: 12315

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	COAGULATING GLANDS	DORSAL PROSTATE
EPIDIDYMIDES	PITUITARY GLAND	SEMINAL VESICLES	SPLEEN
TESTES	THYMUS	THYROID GLANDS	VENTRAL PROSTATE

OBSERVATIONS

KIDNEYS		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER	BILE DUCT	HYPERPLASIA	MINIMAL
	HEPATOCYTE	MITOSIS	INCREASED, MINIMAL
	HEPATOCYTE	VACUOLATION	CYTOPLASMIC, MINIMAL

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1987	TRT#: F1-4	DOSE: 40000 ppm	SEX: Male	REMOVAL DAY: PND208
GENERATION: F1	SELECTION: F1c Parental Males		DISP: Scheduled Removal (Terminal)	HISTO: 12317

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	COAGULATING GLANDS	DORSAL PROSTATE
EPIDIDYMIDES	PITUITARY GLAND	SEMINAL VESICLES	SPLEEN
TESTES	THYROID GLANDS	VENTRAL PROSTATE	

OBSERVATIONS

KIDNEYS		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER	BILE DUCT	HYPERPLASIA	MINIMAL
		INFILTRATION	MONONUCLEAR CELL, MINIMAL
	HEPATOCYTE	MITOSIS	INCREASED, MINIMAL
	HEPATOCYTE	VACUOLATION	CYTOPLASMIC, MINIMAL
THYMUS		HYPERPLASIA	EPITHELIAL, MINIMAL

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1993	TRT#: F1-4	DOSE: 40000 ppm	SEX: Male	REMOVAL DAY: PND208
GENERATION: F1	SELECTION: F1c Parental Males		DISP: Scheduled Removal (Terminal)	HISTO: 12323

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	COAGULATING GLANDS	DORSAL PROSTATE
EPIDIDYMIDES	PITUITARY GLAND	SEMINAL VESICLES	SPLEEN
TESTES	THYMUS	THYROID GLANDS	VENTRAL PROSTATE

OBSERVATIONS

KIDNEYS		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER	BILE DUCT	HYPERPLASIA	MINIMAL
	HEPATOCYTE	VACUOLATION	CYTOPLASMIC, MINIMAL

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1995	TRT#: F1-4	DOSE: 40000 ppm	SEX: Male	REMOVAL DAY: PND208
GENERATION: F1	SELECTION: F1c Parental Males		DISP: Scheduled Removal (Terminal)	HISTO: 12324

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	COAGULATING GLANDS	DORSAL PROSTATE
PITUITARY GLAND	SEMINAL VESICLES	SPLEEN	TESTES
THYMUS	THYROID GLANDS	VENTRAL PROSTATE	

OBSERVATIONS

EPIDIDYMIDES		INFILTRATION	MONONUCLEAR CELL, MINIMAL
KIDNEYS		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER		CLEAR CELL FOCUS	
		INFILTRATION	MONONUCLEAR CELL, MINIMAL
	HEPATOCYTE	MITOSIS	INCREASED, MINIMAL
	HEPATOCYTE	VACUOLATION	CYTOPLASMIC, MINIMAL

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1997	TRT#: F1-4	DOSE: 40000 ppm	SEX: Male	REMOVAL DAY: PND209
GENERATION: F1	SELECTION: F1c Parental Males		DISP: Scheduled Removal (Terminal)	HISTO: 12325

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	COAGULATING GLANDS	DORSAL PROSTATE
EPIDIDYMIDES	PITUITARY GLAND	SEMINAL VESICLES	SPLEEN
TESTES	THYMUS	THYROID GLANDS	

OBSERVATIONS

KIDNEYS		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER	HEPATOCTYE	VACUOLATION	CYTOPLASMIC, MINIMAL
VENTRAL PROSTATE	BILATERAL	INFLAMMATION, CHRONIC	MINIMAL

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 2001	TRT#: F1-4	DOSE: 40000 ppm	SEX: Male	REMOVAL DAY: PND209
GENERATION: F1	SELECTION: F1c Parental Males		DISP: Scheduled Removal (Terminal)	HISTO: 12228

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	COAGULATING GLANDS	DORSAL PROSTATE
EPIDIDYMIDES	PITUITARY GLAND	SEMINAL VESICLES	SPLEEN
TESTES	THYMUS	THYROID GLANDS	VENTRAL PROSTATE

OBSERVATIONS

KIDNEYS		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER	BILE DUCT	HYPERPLASIA	MINIMAL
		INFILTRATION	MONONUCLEAR CELL, MINIMAL
		INFLAMMATION	FOCAL, MINIMAL

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 2003	TRT#: F1-4	DOSE: 40000 ppm	SEX: Male	REMOVAL DAY: PND209
GENERATION: F1	SELECTION: F1c Parental Males		DISP: Scheduled Removal (Terminal)	HISTO: 12229

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	COAGULATING GLANDS	DORSAL PROSTATE
EPIDIDYMIDES	PITUITARY GLAND	SEMINAL VESICLES	SPLEEN
TESTES	THYMUS	THYROID GLANDS	VENTRAL PROSTATE

OBSERVATIONS

KIDNEYS	CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER	INFLAMMATION	FOCAL, MINIMAL

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 2005	TRT#: F1-4	DOSE: 40000 ppm	SEX: Male	REMOVAL DAY: PND209
GENERATION: F1	SELECTION: F1c Parental Males		DISP: Scheduled Removal (Terminal)	HISTO: 12230

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	COAGULATING GLANDS	DORSAL PROSTATE
EPIDIDYMIDES	LIVER	SEMINAL VESICLES	SPLEEN
TESTES	THYMUS	THYROID GLANDS	VENTRAL PROSTATE

MISSING

PITUITARY GLAND

OBSERVATIONS

KIDNEYS	CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
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Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 2007	TRT#: F1-4	DOSE: 40000 ppm	SEX: Male	REMOVAL DAY: PND209
GENERATION: F1	SELECTION: F1c Parental Males		DISP: Scheduled Removal (Terminal)	HISTO: 12216

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	COAGULATING GLANDS	DORSAL PROSTATE
EPIDIDYMIDES	PITUITARY GLAND	SEMINAL VESICLES	SPLEEN
TESTES	THYMUS	THYROID GLANDS	VENTRAL PROSTATE

OBSERVATIONS

KIDNEYS		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER	BILE DUCT	HYPERPLASIA	MINIMAL
		INFILTRATION	MONONUCLEAR CELL, MINIMAL
	HEPATOCYTE	VACUOLATION	CYTOPLASMIC, MINIMAL

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 2009	TRT#: F1-4	DOSE: 40000 ppm	SEX: Male	REMOVAL DAY: PND209
GENERATION: F1	SELECTION: F1c Parental Males		DISP: Scheduled Removal (Terminal)	HISTO: 12217

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	COAGULATING GLANDS	EPIDIDYMIDES
PITUITARY GLAND	SPLEEN	TESTES	THYMUS
THYROID GLANDS			

OBSERVATIONS

DORSAL PROSTATE		NO MICROSCOPIC CORRELATION	
[NO MICROSCOPIC CORRELATION TGLS = 1-9]			
KIDNEYS		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER	BILE DUCT	HYPERPLASIA	MINIMAL
		INFILTRATION	MONONUCLEAR CELL, MINIMAL
	HEPATOCYTE	VACUOLATION	CYTOPLASMIC, MINIMAL
SEMINAL VESICLES		NO MICROSCOPIC CORRELATION	
[NO MICROSCOPIC CORRELATION TGLS = 3-9]			
VENTRAL PROSTATE		NO MICROSCOPIC CORRELATION	
[NO MICROSCOPIC CORRELATION TGLS = 2-9]			

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 2011	TRT#: F1-4	DOSE: 40000 ppm	SEX: Male	REMOVAL DAY: PND209
GENERATION: F1	SELECTION: F1c Parental Males		DISP: Scheduled Removal (Terminal)	HISTO: 12218

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	COAGULATING GLANDS	DORSAL PROSTATE
EPIDIDYMIDES	PITUITARY GLAND	SEMINAL VESICLES	SPLEEN
TESTES	THYMUS	THYROID GLANDS	VENTRAL PROSTATE

OBSERVATIONS

KIDNEYS		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER		BASOPHILIC FOCUS	
	BILE DUCT	HYPERPLASIA	MINIMAL
		INFILTRATION	MONONUCLEAR CELL, MINIMAL
	HEPATOCYTE	VACUOLATION	CYTOPLASMIC, MINIMAL

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 2013	TRT#: F1-4	DOSE: 40000 ppm	SEX: Male	REMOVAL DAY: PND212
GENERATION: F1	SELECTION: F1c Parental Males		DISP: Scheduled Removal (Terminal)	HISTO: 12219

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	COAGULATING GLANDS	DORSAL PROSTATE
EPIDIDYMIDES	PITUITARY GLAND	SEMINAL VESICLES	SPLEEN
TESTES	THYMUS	THYROID GLANDS	VENTRAL PROSTATE

OBSERVATIONS

KIDNEYS		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER	BILE DUCT	HYPERPLASIA	MINIMAL
	HEPATOCYTE	INCLUSION	CYTOPLASMIC, MINIMAL
	HEPATOCYTE	VACUOLATION	CYTOPLASMIC, MINIMAL
PREPUTIAL GLANDS	BILATERAL	INFLAMMATION, SUPPURATIVE	MODERATE
[INFLAMMATION, SUPPURATIVE TGLS = 1-10,2-10]			

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 2015	TRT#: F1-4	DOSE: 40000 ppm	SEX: Male	REMOVAL DAY: PND212
GENERATION: F1	SELECTION: F1c Parental Males		DISP: Scheduled Removal (Terminal)	HISTO: 12220

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	COAGULATING GLANDS	DORSAL PROSTATE
EPIDIDYMIDES	PITUITARY GLAND	SEMINAL VESICLES	SPLEEN
TESTES	THYMUS	THYROID GLANDS	VENTRAL PROSTATE

OBSERVATIONS

KIDNEYS		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER	BILE DUCT	HYPERPLASIA	MINIMAL
		INFILTRATION	MONONUCLEAR CELL, MINIMAL
	HEPATOCYTE	MITOSIS	INCREASED, MINIMAL

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 2019	TRT#: F1-4	DOSE: 40000 ppm	SEX: Male	REMOVAL DAY: PND212
GENERATION: F1	SELECTION: F1c Parental Males		DISP: Scheduled Removal (Terminal)	HISTO: 12331

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	COAGULATING GLANDS	DORSAL PROSTATE
EPIDIDYMIDES	PITUITARY GLAND	SEMINAL VESICLES	SPLEEN
TESTES	THYROID GLANDS	VENTRAL PROSTATE	

OBSERVATIONS

KIDNEYS	CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER	INFILTRATION	MONONUCLEAR CELL, MINIMAL
THYMUS	HYPERPLASIA	EPITHELIAL, MINIMAL

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 2021	TRT#: F1-4	DOSE: 40000 ppm	SEX: Male	REMOVAL DAY: PND212
GENERATION: F1	SELECTION: F1c Parental Males		DISP: Scheduled Removal (Terminal)	HISTO: 12332

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	COAGULATING GLANDS	DORSAL PROSTATE
EPIDIDYMIDES	PITUITARY GLAND	SEMINAL VESICLES	SPLEEN
TESTES	THYROID GLANDS	VENTRAL PROSTATE	

OBSERVATIONS

KIDNEYS		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER	BILE DUCT	HYPERPLASIA	MINIMAL
		INFILTRATION	MONONUCLEAR CELL, MINIMAL
	HEPATOCYTE	VACUOLATION	CYTOPLASMIC, MILD
THYMUS		HYPERPLASIA	EPITHELIAL, MINIMAL

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 2023	TRT#: F1-4	DOSE: 40000 ppm	SEX: Male	REMOVAL DAY: PND212
GENERATION: F1	SELECTION: F1c Parental Males		DISP: Scheduled Removal (Terminal)	HISTO: 12235

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	COAGULATING GLANDS	DORSAL PROSTATE
EPIDIDYMIDES	PITUITARY GLAND	SEMINAL VESICLES	SPLEEN
TESTES	THYMUS	THYROID GLANDS	

OBSERVATIONS

KIDNEYS		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER	BILE DUCT	HYPERPLASIA	MINIMAL
		INFILTRATION	MONONUCLEAR CELL, MINIMAL
VENTRAL PROSTATE	BILATERAL	INFLAMMATION, CHRONIC	MINIMAL

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 2027	TRT#: F1-4	DOSE: 40000 ppm	SEX: Male	REMOVAL DAY: PND213
GENERATION: F1	SELECTION: F1c Parental Males		DISP: Scheduled Removal (Terminal)	HISTO: 12238

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	COAGULATING GLANDS	DORSAL PROSTATE
EPIDIDYMIDES	PITUITARY GLAND	SEMINAL VESICLES	SPLEEN
TESTES	THYMUS	THYROID GLANDS	VENTRAL PROSTATE

OBSERVATIONS

KIDNEYS		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER	BILE DUCT	HYPERPLASIA	MINIMAL
		INFILTRATION	MONONUCLEAR CELL, MINIMAL

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 2029	TRT#: F1-4	DOSE: 40000 ppm	SEX: Male	REMOVAL DAY: PND213
GENERATION: F1	SELECTION: F1c Parental Males		DISP: Scheduled Removal (Terminal)	HISTO: 12239

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	COAGULATING GLANDS	DORSAL PROSTATE
EPIDIDYMIDES	PITUITARY GLAND	SEMINAL VESICLES	SPLEEN
TESTES	THYMUS	THYROID GLANDS	VENTRAL PROSTATE

OBSERVATIONS

KIDNEYS		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER	BILE DUCT	HYPERPLASIA	MINIMAL
		INFILTRATION	MONONUCLEAR CELL, MINIMAL
	HEPATOCYTE	MITOSIS	INCREASED, MINIMAL
	HEPATOCYTE	VACUOLATION	CYTOPLASMIC, MILD

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 2031	TRT#: F1-4	DOSE: 40000 ppm	SEX: Male	REMOVAL DAY: PND213
GENERATION: F1	SELECTION: F1c Parental Males		DISP: Scheduled Removal (Terminal)	HISTO: 12240

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	COAGULATING GLANDS	DORSAL PROSTATE
EPIDIDYMIDES	PITUITARY GLAND	SEMINAL VESICLES	SPLEEN
TESTES	THYMUS	THYROID GLANDS	VENTRAL PROSTATE

OBSERVATIONS

KIDNEYS		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER	BILE DUCT	HYPERPLASIA	MINIMAL
		INFILTRATION	MONONUCLEAR CELL, MINIMAL
	HEPATOCYTE	VACUOLATION	CYTOPLASMIC, MINIMAL

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 2033	TRT#: F1-4	DOSE: 40000 ppm	SEX: Male	REMOVAL DAY: PND212
GENERATION: F1	SELECTION: F1c Parental Males		DISP: Scheduled Removal (Terminal)	HISTO: 12241

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	COAGULATING GLANDS	DORSAL PROSTATE
EPIDIDYMIDES	PITUITARY GLAND	SEMINAL VESICLES	SPLEEN
TESTES	THYMUS	THYROID GLANDS	VENTRAL PROSTATE

OBSERVATIONS

KIDNEYS		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER	BILE DUCT	HYPERPLASIA	MINIMAL

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 2041	TRT#: F1-4	DOSE: 40000 ppm	SEX: Male	REMOVAL DAY: PND212
GENERATION: F1	SELECTION: F1c Parental Males		DISP: Scheduled Removal (Terminal)	HISTO: 12447

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	COAGULATING GLANDS	DORSAL PROSTATE
EPIDIDYMIDES	PITUITARY GLAND	SEMINAL VESICLES	SPLEEN
TESTES	THYMUS	THYROID GLANDS	

OBSERVATIONS

KIDNEYS		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER		INFILTRATION	MONONUCLEAR CELL, MINIMAL
VENTRAL PROSTATE	BILATERAL	INFLAMMATION, CHRONIC	MINIMAL

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 2043	TRT#: F1-4	DOSE: 40000 ppm	SEX: Male	REMOVAL DAY: PND212
GENERATION: F1	SELECTION: F1c Parental Males		DISP: Scheduled Removal (Terminal)	HISTO: 12448

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	COAGULATING GLANDS	DORSAL PROSTATE
EPIDIDYMIDES	PITUITARY GLAND	SEMINAL VESICLES	SPLEEN
TESTES	THYMUS	THYROID GLANDS	VENTRAL PROSTATE

OBSERVATIONS

KIDNEYS		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER	BILE DUCT	HYPERPLASIA	MINIMAL
		INFILTRATION	MONONUCLEAR CELL, MINIMAL
	HEPATOCYTE	VACUOLATION	CYTOPLASMIC, MILD

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 2045	TRT#: F1-4	DOSE: 40000 ppm	SEX: Male	REMOVAL DAY: PND212
GENERATION: F1	SELECTION: F1c Parental Males		DISP: Scheduled Removal (Terminal)	HISTO: 12449

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	COAGULATING GLANDS	DORSAL PROSTATE
EPIDIDYMIDES	PITUITARY GLAND	SEMINAL VESICLES	SPLEEN
TESTES	THYROID GLANDS	VENTRAL PROSTATE	

OBSERVATIONS

KIDNEYS		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER	BILE DUCT	HYPERPLASIA	MINIMAL
		INFILTRATION	MONONUCLEAR CELL, MINIMAL
	HEPATOCYTE	VACUOLATION	CYTOPLASMIC, MILD
THYMUS		HYPERPLASIA	EPITHELIAL, MINIMAL

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1006	TRT#: F1-1	DOSE: 0 ppm	SEX: Female	REMOVAL DAY: PND92
GENERATION: F1	SELECTION: F1c NonParent Female		DISP: Scheduled Removal (Terminal)	HISTO: 11667

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	CERVIX	LIVER
MAMMARY GLANDS	OVARIES	PITUITARY GLAND	SPLEEN
THYMUS	THYROID GLANDS	UTERUS	VAGINA

OBSERVATIONS

KIDNEYS	CORTICOMEDULLARY JUNCTION	MINERAL	FOCAL, MINIMAL
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Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1012	TRT#: F1-1	DOSE: 0 ppm	SEX: Female	REMOVAL DAY: PND92
GENERATION: F1	SELECTION: F1c NonParent Female		DISP: Scheduled Removal (Terminal)	HISTO: 11651

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	CERVIX	LIVER
MAMMARY GLANDS	OVARIES	PITUITARY GLAND	SPLEEN
THYMUS	THYROID GLANDS	UTERUS	VAGINA

OBSERVATIONS

KIDNEYS	CORTICOMEDULLARY JUNCTION	MINERAL	FOCAL, MINIMAL
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Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1018	TRT#: F1-1	DOSE: 0 ppm	SEX: Female	REMOVAL DAY: PND90
GENERATION: F1	SELECTION: F1c NonParent Female		DISP: Scheduled Removal (Terminal)	HISTO: 11821

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	CERVIX	LIVER
MAMMARY GLANDS	OVARIES	PITUITARY GLAND	SPLEEN
THYMUS	THYROID GLANDS	VAGINA	

OBSERVATIONS

KIDNEYS		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
	CORTICOMEDULLARY JUNCTION	MINERAL	FOCAL, MINIMAL
UTERUS		CYST	

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1020	TRT#: F1-1	DOSE: 0 ppm	SEX: Female	REMOVAL DAY: PND90
GENERATION: F1	SELECTION: F1c NonParent Female		DISP: Scheduled Removal (Terminal)	HISTO: 11822

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	CERVIX	LIVER
MAMMARY GLANDS	OVARIES	PITUITARY GLAND	SPLEEN
THYMUS	THYROID GLANDS	UTERUS	VAGINA

OBSERVATIONS

KIDNEYS	CORTICOMEDULLARY JUNCTION	MINERAL	FOCAL, MINIMAL
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Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1022	TRT#: F1-1	DOSE: 0 ppm	SEX: Female	REMOVAL DAY: PND90
GENERATION: F1	SELECTION: F1c NonParent Female		DISP: Scheduled Removal (Terminal)	HISTO: 11823

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	CERVIX	LIVER
MAMMARY GLANDS	OVARIES	PITUITARY GLAND	SPLEEN
THYMUS	THYROID GLANDS	UTERUS	VAGINA

OBSERVATIONS

KIDNEYS	CORTICOMEDULLARY JUNCTION	MINERAL	FOCAL, MINIMAL
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Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1030	TRT#: F1-1	DOSE: 0 ppm	SEX: Female	REMOVAL DAY: PND90
GENERATION: F1	SELECTION: F1c NonParent Female		DISP: Scheduled Removal (Terminal)	HISTO: 11868

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	CERVIX	LIVER
OVARIES	PITUITARY GLAND	SPLEEN	THYMUS
THYROID GLANDS	UTERUS	VAGINA	

OBSERVATIONS

KIDNEYS	CORTICOMEDULLARY JUNCTION	MINERAL	FOCAL, MINIMAL
MAMMARY GLANDS	ACINUS	HYPERPLASIA	MINIMAL

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1036	TRT#: F1-1	DOSE: 0 ppm	SEX: Female	REMOVAL DAY: PND90
GENERATION: F1	SELECTION: F1c NonParent Female		DISP: Scheduled Removal (Terminal)	HISTO: 11909

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	CERVIX	LIVER
MAMMARY GLANDS	OVARIES	SPLEEN	THYMUS
THYROID GLANDS	UTERUS	VAGINA	

OBSERVATIONS

KIDNEYS	CORTICOMEDULLARY JUNCTION	MINERAL	FOCAL, MINIMAL
PITUITARY GLAND	PARS DISTALIS	CYST	

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1038	TRT#: F1-1	DOSE: 0 ppm	SEX: Female	REMOVAL DAY: PND90
GENERATION: F1	SELECTION: F1c NonParent Female		DISP: Scheduled Removal (Terminal)	HISTO: 11910

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	CERVIX	LIVER
MAMMARY GLANDS	PITUITARY GLAND	SPLEEN	THYMUS
THYROID GLANDS	UTERUS	VAGINA	

OBSERVATIONS

KIDNEYS	CORTICOMEDULLARY JUNCTION	MINERAL	FOCAL, MINIMAL
OVARIES	CORPUS LUTEUM, BILATERAL	CYST	

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1040	TRT#: F1-1	DOSE: 0 ppm	SEX: Female	REMOVAL DAY: PND90
GENERATION: F1	SELECTION: F1c NonParent Female		DISP: Scheduled Removal (Terminal)	HISTO: 11911

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	CERVIX	KIDNEYS
LIVER	OVARIES	PITUITARY GLAND	SPLEEN
THYMUS	THYROID GLANDS	UTERUS	VAGINA

OBSERVATIONS

MAMMARY GLANDS NO MICROSCOPIC CORRELATION
[NO MICROSCOPIC CORRELATION TGLS = 1-10]

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1048	TRT#: F1-1	DOSE: 0 ppm	SEX: Female	REMOVAL DAY: PND90
GENERATION: F1	SELECTION: F1c NonParent Female		DISP: Scheduled Removal (Terminal)	HISTO: 12064

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	CERVIX	LIVER
MAMMARY GLANDS	OVARIES	PITUITARY GLAND	SPLEEN
THYMUS	THYROID GLANDS	UTERUS	VAGINA

OBSERVATIONS

KIDNEYS		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
	CORTICOMEDULLARY JUNCTION	MINERAL	FOCAL, MINIMAL

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1050	TRT#: F1-1	DOSE: 0 ppm	SEX: Female	REMOVAL DAY: PND90
GENERATION: F1	SELECTION: F1c NonParent Female		DISP: Scheduled Removal (Terminal)	HISTO: 12065

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	CERVIX	LIVER
MAMMARY GLANDS	OVARIES	PITUITARY GLAND	SPLEEN
THYMUS	THYROID GLANDS	UTERUS	VAGINA

OBSERVATIONS

KIDNEYS	CORTICOMEDULLARY JUNCTION	MINERAL	FOCAL, MINIMAL
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Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1052	TRT#: F1-1	DOSE: 0 ppm	SEX: Female	REMOVAL DAY: PND90
GENERATION: F1	SELECTION: F1c NonParent Female		DISP: Scheduled Removal (Terminal)	HISTO: 12066

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX
LIVER
SPLEEN
VAGINA

ADRENAL MEDULLA
MAMMARY GLANDS
THYMUS

CERVIX
OVARIES
THYROID GLANDS

KIDNEYS
PITUITARY GLAND
UTERUS

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1060	TRT#: F1-1	DOSE: 0 ppm	SEX: Female	REMOVAL DAY: PND90
GENERATION: F1	SELECTION: F1c NonParent Female		DISP: Scheduled Removal (Terminal)	HISTO: 12022

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	LIVER	OVARIES
PITUITARY GLAND	SPLEEN	THYMUS	THYROID GLANDS
UTERUS			

OBSERVATIONS

CERVIX		HYPERPLASIA	MUCINOUS, MILD
KIDNEYS	CORTICOMEDULLARY JUNCTION	MINERAL	FOCAL, MINIMAL
MAMMARY GLANDS	ACINUS	HYPERPLASIA	MINIMAL
VAGINA		HYPERPLASIA	MUCINOUS, MILD

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1062	TRT#: F1-1	DOSE: 0 ppm	SEX: Female	REMOVAL DAY: PND90
GENERATION: F1	SELECTION: F1c NonParent Female		DISP: Scheduled Removal (Terminal)	HISTO: 12023

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	CERVIX	LIVER
MAMMARY GLANDS	OVARIES	PITUITARY GLAND	SPLEEN
THYMUS	THYROID GLANDS	UTERUS	VAGINA

OBSERVATIONS

KIDNEYS	CORTICOMEDULLARY JUNCTION	MINERAL NEPHROBLASTEMATOSIS	FOCAL, MINIMAL MILD
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Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1064	TRT#: F1-1	DOSE: 0 ppm	SEX: Female	REMOVAL DAY: PND68
GENERATION: F1	SELECTION: F1c NonParent Female		DISP: Euthanized Moribund	HISTO: 12024

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	CERVIX	DIAPHRAGM
OVARIES	PITUITARY GLAND	SPLEEN	THYMUS
THYROID GLANDS	UTERUS	VAGINA	

MISSING

MAMMARY GLANDS

OBSERVATIONS

KIDNEYS		INFLAMMATION, CHRONIC	INTERSTITIAL, MINIMAL
	CORTICOMEDULLARY JUNCTION	MINERAL	FOCAL, MINIMAL
LIVER		CYST	SQUAMOUS
		HEPATODIAPHRAGMATIC NODULE	
[HEPATODIAPHRAGMATIC NODULE TGLS = 1-11,2-3]			
LUNGS		NO MICROSCOPIC CORRELATION	
[NO MICROSCOPIC CORRELATION TGLS = 3-12]			

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1074	TRT#: F1-1	DOSE: 0 ppm	SEX: Female	REMOVAL DAY: PND90
GENERATION: F1	SELECTION: F1c NonParent Female		DISP: Scheduled Removal (Terminal)	HISTO: 12002

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	CERVIX	LIVER
OVARIES	PITUITARY GLAND	SPLEEN	THYMUS
THYROID GLANDS	VAGINA		

OBSERVATIONS

KIDNEYS	CORTICOMEDULLARY JUNCTION	MINERAL	FOCAL, MINIMAL
MAMMARY GLANDS	ACINUS	HYPERPLASIA	MINIMAL
UTERUS		DEVELOPMENTAL MALFORMATION	

[DEVELOPMENTAL MALFORMATION TGLS = 1-7]

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1080	TRT#: F1-1	DOSE: 0 ppm	SEX: Female	REMOVAL DAY: PND90
GENERATION: F1	SELECTION: F1c NonParent Female		DISP: Scheduled Removal (Terminal)	HISTO: 12074

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	CERVIX	LIVER
MAMMARY GLANDS	OVARIES	PITUITARY GLAND	SPLEEN
THYMUS	THYROID GLANDS	UTERUS	VAGINA

OBSERVATIONS

KIDNEYS	CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
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Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1082	TRT#: F1-1	DOSE: 0 ppm	SEX: Female	REMOVAL DAY: PND90
GENERATION: F1	SELECTION: F1c NonParent Female		DISP: Scheduled Removal (Terminal)	HISTO: 12075

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	CERVIX	LIVER
MAMMARY GLANDS	OVARIES	PITUITARY GLAND	SPLEEN
THYMUS	THYROID GLANDS	UTERUS	VAGINA

OBSERVATIONS

KIDNEYS		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
	CORTICOMEDULLARY JUNCTION	MINERAL	FOCAL, MINIMAL

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1084	TRT#: F1-1	DOSE: 0 ppm	SEX: Female	REMOVAL DAY: PND90
GENERATION: F1	SELECTION: F1c NonParent Female		DISP: Scheduled Removal (Terminal)	HISTO: 12076

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	CERVIX	LIVER
MAMMARY GLANDS	OVARIES	PITUITARY GLAND	SPLEEN
THYMUS	THYROID GLANDS	UTERUS	VAGINA

OBSERVATIONS

KIDNEYS		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
	CORTICOMEDULLARY JUNCTION	MINERAL	FOCAL, MINIMAL

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1090	TRT#: F1-1	DOSE: 0 ppm	SEX: Female	REMOVAL DAY: PND90
GENERATION: F1	SELECTION: F1c NonParent Female		DISP: Scheduled Removal (Terminal)	HISTO: 12129

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	CERVIX	MAMMARY GLANDS
OVARIES	PITUITARY GLAND	SPLEEN	THYMUS
THYROID GLANDS	UTERUS	VAGINA	

OBSERVATIONS

KIDNEYS	CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER	INFLAMMATION	FOCAL, MINIMAL

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1092	TRT#: F1-1	DOSE: 0 ppm	SEX: Female	REMOVAL DAY: PND90
GENERATION: F1	SELECTION: F1c NonParent Female		DISP: Scheduled Removal (Terminal)	HISTO: 12130

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	CERVIX	LIVER
MAMMARY GLANDS	OVARIES	PITUITARY GLAND	SPLEEN
THYMUS	THYROID GLANDS	VAGINA	

OBSERVATIONS

KIDNEYS		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
	CORTICOMEDULLARY JUNCTION	MINERAL	FOCAL, MINIMAL
UTERUS	ENDOMETRIAL GLANDS	CYST	

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1094	TRT#: F1-1	DOSE: 0 ppm	SEX: Female	REMOVAL DAY: PND90
GENERATION: F1	SELECTION: F1c NonParent Female		DISP: Scheduled Removal (Terminal)	HISTO: 12131

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	CERVIX	MAMMARY GLANDS
OVARIES	PITUITARY GLAND	SPLEEN	THYMUS
THYROID GLANDS	VAGINA		

OBSERVATIONS

KIDNEYS		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
	CORTICOMEDULLARY JUNCTION	MINERAL	FOCAL, MINIMAL
LIVER		INFLAMMATION	FOCAL, MINIMAL
UTERUS		CYST	

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1102	TRT#: F1-1	DOSE: 0 ppm	SEX: Female	REMOVAL DAY: PND90
GENERATION: F1	SELECTION: F1c NonParent Female		DISP: Scheduled Removal (Terminal)	HISTO: 12137

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	CERVIX	KIDNEYS
LIVER	MAMMARY GLANDS	OVARIES	PITUITARY GLAND
SPLEEN	THYMUS	THYROID GLANDS	UTERUS
VAGINA			

OBSERVATIONS

THYROID GLANDS

Tissue Note: ONE OF A PAIR PRESENT.

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1112	TRT#: F1-1	DOSE: 0 ppm	SEX: Female	REMOVAL DAY: PND90
GENERATION: F1	SELECTION: F1c NonParent Female		DISP: Scheduled Removal (Terminal)	HISTO: 12155

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	CERVIX	LIVER
MAMMARY GLANDS	OVARIES	PITUITARY GLAND	SPLEEN
THYMUS	THYROID GLANDS	VAGINA	

OBSERVATIONS

KIDNEYS	CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
UTERUS	CYST	

[CYST TGLS = 1-7]

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1114	TRT#: F1-1	DOSE: 0 ppm	SEX: Female	REMOVAL DAY: PND90
GENERATION: F1	SELECTION: F1c NonParent Female		DISP: Scheduled Removal (Terminal)	HISTO: 12156

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	CERVIX	LIVER
MAMMARY GLANDS	OVARIES	PITUITARY GLAND	SPLEEN
THYMUS	THYROID GLANDS	VAGINA	

OBSERVATIONS

KIDNEYS	CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
UTERUS	HEMORRHAGE	MINIMAL

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1116	TRT#: F1-1	DOSE: 0 ppm	SEX: Female	REMOVAL DAY: PND90
GENERATION: F1	SELECTION: F1c NonParent Female		DISP: Scheduled Removal (Terminal)	HISTO: 12157

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	CERVIX	LIVER
OVARIES	PITUITARY GLAND	SPLEEN	THYMUS
THYROID GLANDS	UTERUS	VAGINA	

OBSERVATIONS

KIDNEYS		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
MAMMARY GLANDS	ACINUS	HYPERPLASIA	MINIMAL

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1124	TRT#: F1-1	DOSE: 0 ppm	SEX: Female	REMOVAL DAY: PND90
GENERATION: F1	SELECTION: F1c NonParent Female		DISP: Scheduled Removal (Terminal)	HISTO: 12162

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	CERVIX	LIVER
MAMMARY GLANDS	PITUITARY GLAND	SPLEEN	THYMUS
THYROID GLANDS	UTERUS	VAGINA	

OBSERVATIONS

KIDNEYS	CORTICOMEDULLARY JUNCTION	MINERAL	FOCAL, MINIMAL
OVARIES	CORPUS LUTEUM, UNILATERAL	CYST	

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1126	TRT#: F1-1	DOSE: 0 ppm	SEX: Female	REMOVAL DAY: PND90
GENERATION: F1	SELECTION: F1c NonParent Female		DISP: Scheduled Removal (Terminal)	HISTO: 12163

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	CERVIX	KIDNEYS
LIVER	MAMMARY GLANDS	PITUITARY GLAND	SPLEEN
THYMUS	THYROID GLANDS	UTERUS	VAGINA

NO EXAM ENTERED

OVARIES

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1136	TRT#: F1-1	DOSE: 0 ppm	SEX: Female	REMOVAL DAY: PND90
GENERATION: F1	SELECTION: F1c NonParent Female		DISP: Scheduled Removal (Terminal)	HISTO: 12281

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	CERVIX	LIVER
MAMMARY GLANDS	OVARIES	PITUITARY GLAND	SPLEEN
THYMUS	THYROID GLANDS	UTERUS	VAGINA

OBSERVATIONS

CLITORAL GLANDS	BILATERAL	INFLAMMATION, CHRONIC	MINIMAL
[INFLAMMATION, CHRONIC TGLS = 1-11]			
KIDNEYS		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
	CORTICOMEDULLARY JUNCTION	MINERAL	FOCAL, MINIMAL

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1138	TRT#: F1-1	DOSE: 0 ppm	SEX: Female	REMOVAL DAY: PND90
GENERATION: F1	SELECTION: F1c NonParent Female		DISP: Scheduled Removal (Terminal)	HISTO: 12283

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	CERVIX	LIVER
MAMMARY GLANDS	OVARIES	PITUITARY GLAND	SPLEEN
THYMUS	THYROID GLANDS	UTERUS	VAGINA

OBSERVATIONS

KIDNEYS		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
	CORTICOMEDULLARY JUNCTION	MINERAL	FOCAL, MINIMAL

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1140	TRT#: F1-1	DOSE: 0 ppm	SEX: Female	REMOVAL DAY: PND90
GENERATION: F1	SELECTION: F1c NonParent Female		DISP: Scheduled Removal (Terminal)	HISTO: 12284

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	CERVIX	LIVER
MAMMARY GLANDS	OVARIES	PITUITARY GLAND	SPLEEN
THYMUS	THYROID GLANDS	UTERUS	VAGINA

OBSERVATIONS

KIDNEYS	CORTICOMEDULLARY JUNCTION	MINERAL	FOCAL, MINIMAL
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Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1150	TRT#: F1-1	DOSE: 0 ppm	SEX: Female	REMOVAL DAY: PND92
GENERATION: F1	SELECTION: F1c NonParent Female		DISP: Scheduled Removal (Terminal)	HISTO: 12349

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX
LIVER
SPLEEN
VAGINA

ADRENAL MEDULLA
MAMMARY GLANDS
THYMUS

CERVIX
OVARIES
THYROID GLANDS

KIDNEYS
PITUITARY GLAND
UTERUS

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1152	TRT#: F1-1	DOSE: 0 ppm	SEX: Female	REMOVAL DAY: PND92
GENERATION: F1	SELECTION: F1c NonParent Female		DISP: Scheduled Removal (Terminal)	HISTO: 12350

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	CERVIX	LIVER
MAMMARY GLANDS	OVARIES	SPLEEN	THYMUS
THYROID GLANDS	UTERUS	VAGINA	

OBSERVATIONS

KIDNEYS	CORTICOMEDULLARY JUNCTION	MINERAL	FOCAL, MINIMAL
PITUITARY GLAND	PARS DISTALIS	CYST	

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1154	TRT#: F1-1	DOSE: 0 ppm	SEX: Female	REMOVAL DAY: PND92
GENERATION: F1	SELECTION: F1c NonParent Female		DISP: Scheduled Removal (Terminal)	HISTO: 12351

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	CERVIX	LIVER
OVARIES	PITUITARY GLAND	SPLEEN	THYMUS
THYROID GLANDS	VAGINA		

OBSERVATIONS

KIDNEYS	CORTEX	CYST	MINIMAL
MAMMARY GLANDS	ACINUS	HYPERPLASIA	MINIMAL
OVIDUCTS		NO MICROSCOPIC CORRELATION	
[NO MICROSCOPIC CORRELATION TGLS = 1-7]			
UTERUS		CYST	
[CYST TGLS = 2-7]			

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1160	TRT#: F1-1	DOSE: 0 ppm	SEX: Female	REMOVAL DAY: PND92
GENERATION: F1	SELECTION: F1c NonParent Female		DISP: Scheduled Removal (Terminal)	HISTO: 12428

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	CERVIX	LIVER
MAMMARY GLANDS	PITUITARY GLAND	SPLEEN	THYMUS
THYROID GLANDS	UTERUS	VAGINA	

OBSERVATIONS

KIDNEYS		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
OVARIES	CORPUS LUTEUM, UNILATERAL	CYST	

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1162	TRT#: F1-1	DOSE: 0 ppm	SEX: Female	REMOVAL DAY: PND92
GENERATION: F1	SELECTION: F1c NonParent Female		DISP: Scheduled Removal (Terminal)	HISTO: 12429

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	CERVIX	KIDNEYS
OVARIES	PITUITARY GLAND	SPLEEN	THYMUS
THYROID GLANDS	UTERUS	VAGINA	

OBSERVATIONS

LIVER		INFLAMMATION	FOCAL, MINIMAL
MAMMARY GLANDS	ACINUS	HYPERPLASIA	MILD

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1164	TRT#: F1-1	DOSE: 0 ppm	SEX: Female	REMOVAL DAY: PND92
GENERATION: F1	SELECTION: F1c NonParent Female		DISP: Scheduled Removal (Terminal)	HISTO: 12430

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	CERVIX	LIVER
MAMMARY GLANDS	OVARIES	PITUITARY GLAND	SPLEEN
THYMUS	THYROID GLANDS	UTERUS	VAGINA

OBSERVATIONS

KIDNEYS	CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
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Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1172	TRT#: F1-1	DOSE: 0 ppm	SEX: Female	REMOVAL DAY: PND91
GENERATION: F1	SELECTION: F1c NonParent Female		DISP: Scheduled Removal (Terminal)	HISTO: 12500

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	CERVIX	LIVER
MAMMARY GLANDS	OVARIES	PITUITARY GLAND	SPLEEN
THYMUS	THYROID GLANDS	UTERUS	VAGINA

OBSERVATIONS

KIDNEYS	CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
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Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1174	TRT#: F1-1	DOSE: 0 ppm	SEX: Female	REMOVAL DAY: PND91
GENERATION: F1	SELECTION: F1c NonParent Female		DISP: Scheduled Removal (Terminal)	HISTO: 12501

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	CERVIX	LIVER
MAMMARY GLANDS	OVARIES	PITUITARY GLAND	SPLEEN
THYROID GLANDS	UTERUS	VAGINA	

MISSING

THYMUS

OBSERVATIONS

KIDNEYS	CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
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Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1176	TRT#: F1-1	DOSE: 0 ppm	SEX: Female	REMOVAL DAY: PND91
GENERATION: F1	SELECTION: F1c NonParent Female		DISP: Scheduled Removal (Terminal)	HISTO: 12502

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	CERVIX	MAMMARY GLANDS
SPLEEN	THYMUS	THYROID GLANDS	UTERUS
VAGINA			

OBSERVATIONS

KIDNEYS	CORTICOMEDULLARY JUNCTION	MINERAL	FOCAL, MINIMAL
LIVER		INFLAMMATION	FOCAL, MINIMAL
OVARIES	CORPUS LUTEUM, BILATERAL	CYST	
PITUITARY GLAND	PARS DISTALIS	CYST	

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1306	TRT#: F1-2	DOSE: 5000 ppm	SEX: Female	REMOVAL DAY: PND92
GENERATION: F1	SELECTION: F1c NonParent Female		DISP: Scheduled Removal (Terminal)	HISTO: 11694

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX

ADRENAL MEDULLA

LIVER

THYMUS

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1308	TRT#: F1-2	DOSE: 5000 ppm	SEX: Female	REMOVAL DAY: PND92
GENERATION: F1	SELECTION: F1c NonParent Female		DISP: Scheduled Removal (Terminal)	HISTO: 11695

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX

ADRENAL MEDULLA

LIVER

THYMUS

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1310	TRT#: F1-2	DOSE: 5000 ppm	SEX: Female	REMOVAL DAY: PND92
GENERATION: F1	SELECTION: F1c NonParent Female		DISP: Scheduled Removal (Terminal)	HISTO: 11696

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX

ADRENAL MEDULLA

LIVER

THYMUS

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1316	TRT#: F1-2	DOSE: 5000 ppm	SEX: Female	REMOVAL DAY: PND92
GENERATION: F1	SELECTION: F1c NonParent Female		DISP: Scheduled Removal (Terminal)	HISTO: 11677

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX

ADRENAL MEDULLA

LIVER

THYMUS

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1322	TRT#: F1-2	DOSE: 5000 ppm	SEX: Female	REMOVAL DAY: PND90
GENERATION: F1	SELECTION: F1c NonParent Female		DISP: Scheduled Removal (Terminal)	HISTO: 11720

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX

ADRENAL MEDULLA

THYMUS

OBSERVATIONS

LIVER

INFLAMMATION

FOCAL, MINIMAL

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1324	TRT#: F1-2	DOSE: 5000 ppm	SEX: Female	REMOVAL DAY: PND90
GENERATION: F1	SELECTION: F1c NonParent Female		DISP: Scheduled Removal (Terminal)	HISTO: 11721

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX

ADRENAL MEDULLA

LIVER

THYMUS

OBSERVATIONS

UTERUS

NO MICROSCOPIC CORRELATION

[NO MICROSCOPIC CORRELATION TGLS = 1-7]

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1326	TRT#: F1-2	DOSE: 5000 ppm	SEX: Female	REMOVAL DAY: PND90
GENERATION: F1	SELECTION: F1c NonParent Female		DISP: Scheduled Removal (Terminal)	HISTO: 11722

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX

ADRENAL MEDULLA

LIVER

THYMUS

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1332	TRT#: F1-2	DOSE: 5000 ppm	SEX: Female	REMOVAL DAY: PND90
GENERATION: F1	SELECTION: F1c NonParent Female		DISP: Scheduled Removal (Terminal)	HISTO: 11738

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX

ADRENAL MEDULLA

LIVER

THYMUS

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1338	TRT#: F1-2	DOSE: 5000 ppm	SEX: Female	REMOVAL DAY: PND90
GENERATION: F1	SELECTION: F1c NonParent Female		DISP: Scheduled Removal (Terminal)	HISTO: 11948

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX

ADRENAL MEDULLA

THYMUS

OBSERVATIONS

LIVER

INFILTRATION

MONONUCLEAR CELL, MINIMAL

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1340	TRT#: F1-2	DOSE: 5000 ppm	SEX: Female	REMOVAL DAY: PND90
GENERATION: F1	SELECTION: F1c NonParent Female		DISP: Scheduled Removal (Terminal)	HISTO: 11949

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX

ADRENAL MEDULLA

LIVER

THYMUS

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1342	TRT#: F1-2	DOSE: 5000 ppm	SEX: Female	REMOVAL DAY: PND90
GENERATION: F1	SELECTION: F1c NonParent Female		DISP: Scheduled Removal (Terminal)	HISTO: 11951

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX

ADRENAL MEDULLA

LIVER

THYMUS

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1350	TRT#: F1-2	DOSE: 5000 ppm	SEX: Female	REMOVAL DAY: PND90
GENERATION: F1	SELECTION: F1c NonParent Female		DISP: Scheduled Removal (Terminal)	HISTO: 11969

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX

ADRENAL MEDULLA

LIVER

THYMUS

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1352	TRT#: F1-2	DOSE: 5000 ppm	SEX: Female	REMOVAL DAY: PND90
GENERATION: F1	SELECTION: F1c NonParent Female		DISP: Scheduled Removal (Terminal)	HISTO: 11970

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX

ADRENAL MEDULLA

LIVER

THYMUS

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1354	TRT#: F1-2	DOSE: 5000 ppm	SEX: Female	REMOVAL DAY: PND90
GENERATION: F1	SELECTION: F1c NonParent Female		DISP: Scheduled Removal (Terminal)	HISTO: 11971

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX

ADRENAL MEDULLA

LIVER

THYMUS

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1370	TRT#: F1-2	DOSE: 5000 ppm	SEX: Female	REMOVAL DAY: PND90
GENERATION: F1	SELECTION: F1c NonParent Female		DISP: Scheduled Removal (Terminal)	HISTO: 11801

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX

ADRENAL MEDULLA

LIVER

THYMUS

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1372	TRT#: F1-2	DOSE: 5000 ppm	SEX: Female	REMOVAL DAY: PND90
GENERATION: F1	SELECTION: F1c NonParent Female		DISP: Scheduled Removal (Terminal)	HISTO: 11802

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX

ADRENAL MEDULLA

THYMUS

OBSERVATIONS

LIVER

BILE DUCT

HYPERPLASIA

MINIMAL

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1374	TRT#: F1-2	DOSE: 5000 ppm	SEX: Female	REMOVAL DAY: PND90
GENERATION: F1	SELECTION: F1c NonParent Female		DISP: Scheduled Removal (Terminal)	HISTO: 11804

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX

ADRENAL MEDULLA

LIVER

THYMUS

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1382	TRT#: F1-2	DOSE: 5000 ppm	SEX: Female	REMOVAL DAY: PND90
GENERATION: F1	SELECTION: F1c NonParent Female		DISP: Scheduled Removal (Terminal)	HISTO: 12173

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX

ADRENAL MEDULLA

THYMUS

OBSERVATIONS

LIVER

INFLAMMATION

FOCAL, MINIMAL

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1388	TRT#: F1-2	DOSE: 5000 ppm	SEX: Female	REMOVAL DAY: PND90
GENERATION: F1	SELECTION: F1c NonParent Female		DISP: Scheduled Removal (Terminal)	HISTO: 12298

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	THYMUS
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OBSERVATIONS

KIDNEYS	PELVIS	DILATION	MINIMAL
	CORTICOMEDULLARY JUNCTION	MINERAL	FOCAL, MINIMAL
[DILATION TGLS = 1-2]			
LIVER	HEPATOCYTE, PERIportal	HYPERTROPHY	MINIMAL

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1390	TRT#: F1-2	DOSE: 5000 ppm	SEX: Female	REMOVAL DAY: PND90
GENERATION: F1	SELECTION: F1c NonParent Female		DISP: Scheduled Removal (Terminal)	HISTO: 12299

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX

ADRENAL MEDULLA

LIVER

THYMUS

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1392	TRT#: F1-2	DOSE: 5000 ppm	SEX: Female	REMOVAL DAY: PND90
GENERATION: F1	SELECTION: F1c NonParent Female		DISP: Scheduled Removal (Terminal)	HISTO: 12300

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX

ADRENAL MEDULLA

LIVER

THYMUS

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1400	TRT#: F1-2	DOSE: 5000 ppm	SEX: Female	REMOVAL DAY: PND92
GENERATION: F1	SELECTION: F1c NonParent Female		DISP: Scheduled Removal (Terminal)	HISTO: 12407

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX

ADRENAL MEDULLA

THYMUS

OBSERVATIONS

LIVER

INFLAMMATION

FOCAL, MINIMAL

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1402	TRT#: F1-2	DOSE: 5000 ppm	SEX: Female	REMOVAL DAY: PND92
GENERATION: F1	SELECTION: F1c NonParent Female		DISP: Scheduled Removal (Terminal)	HISTO: 12408

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX

ADRENAL MEDULLA

THYMUS

OBSERVATIONS

LIVER

INFLAMMATION

FOCAL, MINIMAL

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1404	TRT#: F1-2	DOSE: 5000 ppm	SEX: Female	REMOVAL DAY: PND92
GENERATION: F1	SELECTION: F1c NonParent Female		DISP: Scheduled Removal (Terminal)	HISTO: 12409

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX

ADRENAL MEDULLA

LIVER

THYMUS

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1410	TRT#: F1-2	DOSE: 5000 ppm	SEX: Female	REMOVAL DAY: PND92
GENERATION: F1	SELECTION: F1c NonParent Female		DISP: Scheduled Removal (Terminal)	HISTO: 12470

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX

ADRENAL MEDULLA

LIVER

THYMUS

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1412	TRT#: F1-2	DOSE: 5000 ppm	SEX: Female	REMOVAL DAY: PND92
GENERATION: F1	SELECTION: F1c NonParent Female		DISP: Scheduled Removal (Terminal)	HISTO: 12471

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX

ADRENAL MEDULLA

LIVER

THYMUS

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1414	TRT#: F1-2	DOSE: 5000 ppm	SEX: Female	REMOVAL DAY: PND92
GENERATION: F1	SELECTION: F1c NonParent Female		DISP: Scheduled Removal (Terminal)	HISTO: 12472

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX

ADRENAL MEDULLA

LIVER

THYMUS

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1422	TRT#: F1-2	DOSE: 5000 ppm	SEX: Female	REMOVAL DAY: PND92
GENERATION: F1	SELECTION: F1c NonParent Female		DISP: Scheduled Removal (Terminal)	HISTO: 12441

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX

ADRENAL MEDULLA

THYMUS

OBSERVATIONS

LIVER

INFLAMMATION

FOCAL, MINIMAL

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1424	TRT#: F1-2	DOSE: 5000 ppm	SEX: Female	REMOVAL DAY: PND92
GENERATION: F1	SELECTION: F1c NonParent Female		DISP: Scheduled Removal (Terminal)	HISTO: 12442

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX

ADRENAL MEDULLA

LIVER

THYMUS

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1426	TRT#: F1-2	DOSE: 5000 ppm	SEX: Female	REMOVAL DAY: PND92
GENERATION: F1	SELECTION: F1c NonParent Female		DISP: Scheduled Removal (Terminal)	HISTO: 12443

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX

ADRENAL MEDULLA

LIVER

THYMUS

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1434	TRT#: F1-2	DOSE: 5000 ppm	SEX: Female	REMOVAL DAY: PND91
GENERATION: F1	SELECTION: F1c NonParent Female		DISP: Scheduled Removal (Terminal)	HISTO: 12515

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX

ADRENAL MEDULLA

LIVER

THYMUS

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1436	TRT#: F1-2	DOSE: 5000 ppm	SEX: Female	REMOVAL DAY: PND91
GENERATION: F1	SELECTION: F1c NonParent Female		DISP: Scheduled Removal (Terminal)	HISTO: 12516

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX

ADRENAL MEDULLA

LIVER

THYMUS

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1442	TRT#: F1-2	DOSE: 5000 ppm	SEX: Female	REMOVAL DAY: PND90
GENERATION: F1	SELECTION: F1c NonParent Female		DISP: Scheduled Removal (Terminal)	HISTO: 12545

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX

ADRENAL MEDULLA

THYMUS

OBSERVATIONS

LIVER

CLEAR CELL FOCUS

INFLAMMATION

FOCAL, MINIMAL

UTERUS

CYST

[CYST TGLS = 1-7]

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1444	TRT#: F1-2	DOSE: 5000 ppm	SEX: Female	REMOVAL DAY: PND90
GENERATION: F1	SELECTION: F1c NonParent Female		DISP: Scheduled Removal (Terminal)	HISTO: 12546

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX

ADRENAL MEDULLA

LIVER

THYMUS

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1446	TRT#: F1-2	DOSE: 5000 ppm	SEX: Female	REMOVAL DAY: PND90
GENERATION: F1	SELECTION: F1c NonParent Female		DISP: Scheduled Removal (Terminal)	HISTO: 12547

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX

ADRENAL MEDULLA

LIVER

THYMUS

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1606	TRT#: F1-3	DOSE: 15000 ppm	SEX: Female	REMOVAL DAY: PND92
GENERATION: F1	SELECTION: F1c NonParent Female		DISP: Scheduled Removal (Terminal)	HISTO: 11659

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX
UTERUS

ADRENAL MEDULLA

MAMMARY GLANDS

THYMUS

OBSERVATIONS

LIVER

INFLAMMATION

FOCAL, MINIMAL

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1608	TRT#: F1-3	DOSE: 15000 ppm	SEX: Female	REMOVAL DAY: PND92
GENERATION: F1	SELECTION: F1c NonParent Female		DISP: Scheduled Removal (Terminal)	HISTO: 11660

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX
UTERUS

ADRENAL MEDULLA

MAMMARY GLANDS

THYMUS

OBSERVATIONS

LIVER

INFILTRATION

MONONUCLEAR CELL, MINIMAL

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1614	TRT#: F1-3	DOSE: 15000 ppm	SEX: Female	REMOVAL DAY: PND90
GENERATION: F1	SELECTION: F1c NonParent Female		DISP: Scheduled Removal (Terminal)	HISTO: 11749

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX
THYMUS

ADRENAL MEDULLA
UTERUS

LIVER

MAMMARY GLANDS

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1616	TRT#: F1-3	DOSE: 15000 ppm	SEX: Female	REMOVAL DAY: PND90
GENERATION: F1	SELECTION: F1c NonParent Female		DISP: Scheduled Removal (Terminal)	HISTO: 11751

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX
UTERUS

ADRENAL MEDULLA

MAMMARY GLANDS

THYMUS

OBSERVATIONS

LIVER

INFLAMMATION

FOCAL, MINIMAL

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1618	TRT#: F1-3	DOSE: 15000 ppm	SEX: Female	REMOVAL DAY: PND90
GENERATION: F1	SELECTION: F1c NonParent Female		DISP: Scheduled Removal (Terminal)	HISTO: 11752

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX

ADRENAL MEDULLA

MAMMARY GLANDS

THYMUS

OBSERVATIONS

LIVER

INFILTRATION

MONONUCLEAR CELL, MINIMAL

UTERUS

ENDOMETRIUM

METAPLASIA

SQUAMOUS, MINIMAL

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1626	TRT#: F1-3	DOSE: 15000 ppm	SEX: Female	REMOVAL DAY: PND90
GENERATION: F1	SELECTION: F1c NonParent Female		DISP: Scheduled Removal (Terminal)	HISTO: 11935

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX
UTERUS

ADRENAL MEDULLA

MAMMARY GLANDS

THYMUS

OBSERVATIONS

LIVER

HEPATOCYTE, PERIportal

HYPERTROPHY

MINIMAL

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1628	TRT#: F1-3	DOSE: 15000 ppm	SEX: Female	REMOVAL DAY: PND90
GENERATION: F1	SELECTION: F1c NonParent Female		DISP: Scheduled Removal (Terminal)	HISTO: 11936

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX
THYMUS

ADRENAL MEDULLA
UTERUS

LIVER

MAMMARY GLANDS

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1630	TRT#: F1-3	DOSE: 15000 ppm	SEX: Female	REMOVAL DAY: PND90
GENERATION: F1	SELECTION: F1c NonParent Female		DISP: Scheduled Removal (Terminal)	HISTO: 11937

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX
THYMUS

ADRENAL MEDULLA
UTERUS

LIVER

MAMMARY GLANDS

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1640	TRT#: F1-3	DOSE: 15000 ppm	SEX: Female	REMOVAL DAY: PND90
GENERATION: F1	SELECTION: F1c NonParent Female		DISP: Scheduled Removal (Terminal)	HISTO: 11881

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX
UTERUS

ADRENAL MEDULLA

MAMMARY GLANDS

THYMUS

OBSERVATIONS

LIVER

INFILTRATION

MONONUCLEAR CELL, MINIMAL

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1642	TRT#: F1-3	DOSE: 15000 ppm	SEX: Female	REMOVAL DAY: PND90
GENERATION: F1	SELECTION: F1c NonParent Female		DISP: Scheduled Removal (Terminal)	HISTO: 11882

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX

ADRENAL MEDULLA

THYMUS

UTERUS

OBSERVATIONS

LIVER

INFILTRATION

MONONUCLEAR CELL, MINIMAL

LYMPH NODE

NO MICROSCOPIC CORRELATION

[NO MICROSCOPIC CORRELATION TGLS = 1-11]

MAMMARY GLANDS

ACINUS

HYPERPLASIA

MINIMAL

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1644	TRT#: F1-3	DOSE: 15000 ppm	SEX: Female	REMOVAL DAY: PND90
GENERATION: F1	SELECTION: F1c NonParent Female		DISP: Scheduled Removal (Terminal)	HISTO: 11883

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX
UTERUS

ADRENAL MEDULLA

MAMMARY GLANDS

THYMUS

OBSERVATIONS

LIVER

INFILTRATION
INFLAMMATION

MONONUCLEAR CELL, MINIMAL
FOCAL, MINIMAL

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1650	TRT#: F1-3	DOSE: 15000 ppm	SEX: Female	REMOVAL DAY: PND90
GENERATION: F1	SELECTION: F1c NonParent Female		DISP: Scheduled Removal (Terminal)	HISTO: 11839

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX
THYMUS

ADRENAL MEDULLA
UTERUS

LIVER

MAMMARY GLANDS

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1652	TRT#: F1-3	DOSE: 15000 ppm	SEX: Female	REMOVAL DAY: PND90
GENERATION: F1	SELECTION: F1c NonParent Female		DISP: Scheduled Removal (Terminal)	HISTO: 11840

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX
UTERUS

ADRENAL MEDULLA

MAMMARY GLANDS

THYMUS

OBSERVATIONS

LIVER

INFILTRATION

MONONUCLEAR CELL, MINIMAL

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1654	TRT#: F1-3	DOSE: 15000 ppm	SEX: Female	REMOVAL DAY: PND90
GENERATION: F1	SELECTION: F1c NonParent Female		DISP: Scheduled Removal (Terminal)	HISTO: 11841

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX
UTERUS

ADRENAL MEDULLA

MAMMARY GLANDS

THYMUS

OBSERVATIONS

LIVER

INFILTRATION

MONONUCLEAR CELL, MINIMAL

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1656	TRT#: F1-3	DOSE: 15000 ppm	SEX: Female	REMOVAL DAY: PND90
GENERATION: F1	SELECTION: F1c NonParent Female		DISP: Scheduled Removal (Terminal)	HISTO: 11977

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX
THYMUS

ADRENAL MEDULLA

LIVER

MAMMARY GLANDS

OBSERVATIONS

BONE, MAXILLA

[NO MICROSCOPIC CORRELATION TGLS = 1-11]

UTERUS

[CYST TGLS = 2-7A]

NO MICROSCOPIC CORRELATION

CYST

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1666	TRT#: F1-3	DOSE: 15000 ppm	SEX: Female	REMOVAL DAY: PND90
GENERATION: F1	SELECTION: F1c NonParent Female		DISP: Scheduled Removal (Terminal)	HISTO: 12033

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX
THYMUS

ADRENAL MEDULLA
UTERUS

LIVER

MAMMARY GLANDS

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1668	TRT#: F1-3	DOSE: 15000 ppm	SEX: Female	REMOVAL DAY: PND90
GENERATION: F1	SELECTION: F1c NonParent Female		DISP: Scheduled Removal (Terminal)	HISTO: 12034

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX
UTERUS

ADRENAL MEDULLA

MAMMARY GLANDS

THYMUS

OBSERVATIONS

LIVER

INFILTRATION

MONONUCLEAR CELL, MINIMAL

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1670	TRT#: F1-3	DOSE: 15000 ppm	SEX: Female	REMOVAL DAY: PND90
GENERATION: F1	SELECTION: F1c NonParent Female		DISP: Scheduled Removal (Terminal)	HISTO: 12035

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX
UTERUS

ADRENAL MEDULLA

MAMMARY GLANDS

THYMUS

OBSERVATIONS

LIVER

INFILTRATION

MONONUCLEAR CELL, MINIMAL

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1686	TRT#: F1-3	DOSE: 15000 ppm	SEX: Female	REMOVAL DAY: PND90
GENERATION: F1	SELECTION: F1c NonParent Female		DISP: Scheduled Removal (Terminal)	HISTO: 12195

TISSUE STATUS

No Visible Lesions

MAMMARY GLANDS	THYMUS
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OBSERVATIONS

ADRENAL CORTEX [NO MICROSCOPIC CORRELATION TGLS = 1-1]	NO MICROSCOPIC CORRELATION	
ADRENAL MEDULLA [NO MICROSCOPIC CORRELATION TGLS = 1-1]	NO MICROSCOPIC CORRELATION	
KIDNEYS CORTICOMEDULLARY JUNCTION PAPILLA [CHRONIC PROGRESSIVE NEPHROPATHY TGLS = 2-2]	CHRONIC PROGRESSIVE NEPHROPATHY MINERAL MINERAL POLYARTERITIS	MODERATE FOCAL, MINIMAL LINEAR, MINIMAL NODOSA, MINIMAL
LIVER	POLYARTERITIS	NODOSA, MINIMAL
SPLEEN [EXTRAMEDULLARY HEMATOPOIESIS TGLS = 3-3]	EXTRAMEDULLARY HEMATOPOIESIS	INCREASED, MILD
UTERUS	POLYARTERITIS	NODOSA, MINIMAL

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1688	TRT#: F1-3	DOSE: 15000 ppm	SEX: Female	REMOVAL DAY: PND90
GENERATION: F1	SELECTION: F1c NonParent Female		DISP: Scheduled Removal (Terminal)	HISTO: 12196

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX

ADRENAL MEDULLA

THYMUS

UTERUS

OBSERVATIONS

LIVER

INFLAMMATION

FOCAL, MINIMAL

MAMMARY GLANDS

ACINUS

HYPERPLASIA

MILD

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1690	TRT#: F1-3	DOSE: 15000 ppm	SEX: Female	REMOVAL DAY: PND90
GENERATION: F1	SELECTION: F1c NonParent Female		DISP: Scheduled Removal (Terminal)	HISTO: 12197

TISSUE STATUS

No Visible Lesions

ADRENAL MEDULLA

MAMMARY GLANDS

THYMUS

OBSERVATIONS

ADRENAL CORTEX

BILATERAL

HYPERPLASIA

MILD

[HYPERPLASIA TGLS = 1-1,2-1]

KIDNEYS

CORTICOMEDULLARY JUNCTION
PAPILLA

CHRONIC PROGRESSIVE NEPHROPATHY
MINERAL
MINERAL
POLYARTERITIS

MODERATE
FOCAL, MINIMAL
LINEAR, MINIMAL
NODOSA, MILD

[CHRONIC PROGRESSIVE NEPHROPATHY TGLS = 3-2,4-2]

LIVER

POLYARTERITIS

NODOSA, MINIMAL

LYMPH NODE

NO MICROSCOPIC FINDING RECORDED

[NO MICROSCOPIC FINDING RECORDED TGLS = 5-NCL]

OVARIES

BILATERAL

POLYARTERITIS

NODOSA, MINIMAL

[POLYARTERITIS TGLS = 6-8,6-9]

SPLEEN

EXTRAMEDULLARY HEMATOPOIESIS
POLYARTERITIS

INCREASED, MILD
NODOSA, MODERATE

[EXTRAMEDULLARY HEMATOPOIESIS TGLS = 7-3]

[POLYARTERITIS TGLS = 8-3]

UTERUS

NO MICROSCOPIC CORRELATION
POLYARTERITIS

NODOSA, MINIMAL

[NO MICROSCOPIC CORRELATION TGLS = 9-6,9-7]

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1698	TRT#: F1-3	DOSE: 15000 ppm	SEX: Female	REMOVAL DAY: PND90
GENERATION: F1	SELECTION: F1c NonParent Female		DISP: Scheduled Removal (Terminal)	HISTO: 12182

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX
UTERUS

ADRENAL MEDULLA

MAMMARY GLANDS

THYMUS

OBSERVATIONS

LIVER

INFILTRATION

MONONUCLEAR CELL, MINIMAL

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1700	TRT#: F1-3	DOSE: 15000 ppm	SEX: Female	REMOVAL DAY: PND90
GENERATION: F1	SELECTION: F1c NonParent Female		DISP: Scheduled Removal (Terminal)	HISTO: 12183

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX
UTERUS

ADRENAL MEDULLA

MAMMARY GLANDS

THYMUS

OBSERVATIONS

EYES

[NO MICROSCOPIC FINDING RECORDED TGLS = 1-NCL,2-NCL]

NO MICROSCOPIC FINDING RECORDED

LIVER

HEPATOCTYE, PERIportal

HYPERTROPHY

INFILTRATION

MINIMAL

MONONUCLEAR CELL, MINIMAL

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1702	TRT#: F1-3	DOSE: 15000 ppm	SEX: Female	REMOVAL DAY: PND90
GENERATION: F1	SELECTION: F1c NonParent Female		DISP: Scheduled Removal (Terminal)	HISTO: 12184

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX

ADRENAL MEDULLA

MAMMARY GLANDS

THYMUS

OBSERVATIONS

LIVER

HEPATODIAPHRAGMATIC NODULE

INFILTRATION

MONONUCLEAR CELL, MINIMAL

[HEPATODIAPHRAGMATIC NODULE TGLS = 1-3]

UTERUS

CYST

[CYST TGLS = 2-7,3-7]

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1708	TRT#: F1-3	DOSE: 15000 ppm	SEX: Female	REMOVAL DAY: PND90
GENERATION: F1	SELECTION: F1c NonParent Female		DISP: Scheduled Removal (Terminal)	HISTO: 12210

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX
UTERUS

ADRENAL MEDULLA

MAMMARY GLANDS

THYMUS

OBSERVATIONS

LIVER

HEPATOCYTE, PERIportal

HYPERTROPHY
INFILTRATION

MINIMAL
MONONUCLEAR CELL, MINIMAL

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1710	TRT#: F1-3	DOSE: 15000 ppm	SEX: Female	REMOVAL DAY: PND90
GENERATION: F1	SELECTION: F1c NonParent Female		DISP: Scheduled Removal (Terminal)	HISTO: 12212

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX
UTERUS

ADRENAL MEDULLA

MAMMARY GLANDS

THYMUS

OBSERVATIONS

LIVER

HEPATOCYTE, PERIportal

HYPERTROPHY
INFILTRATION

MINIMAL
MONONUCLEAR CELL, MINIMAL

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1712	TRT#: F1-3	DOSE: 15000 ppm	SEX: Female	REMOVAL DAY: PND90
GENERATION: F1	SELECTION: F1c NonParent Female		DISP: Scheduled Removal (Terminal)	HISTO: 12213

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX
THYMUS

ADRENAL MEDULLA
UTERUS

LIVER

MAMMARY GLANDS

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1720	TRT#: F1-3	DOSE: 15000 ppm	SEX: Female	REMOVAL DAY: PND92
GENERATION: F1	SELECTION: F1c NonParent Female		DISP: Scheduled Removal (Terminal)	HISTO: 12483

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX
UTERUS

ADRENAL MEDULLA

MAMMARY GLANDS

THYMUS

OBSERVATIONS

LIVER

HEPATOCYTE, PERIportal

HYPERTROPHY
INFILTRATION

MINIMAL
MONONUCLEAR CELL, MINIMAL

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1722	TRT#: F1-3	DOSE: 15000 ppm	SEX: Female	REMOVAL DAY: PND92
GENERATION: F1	SELECTION: F1c NonParent Female		DISP: Scheduled Removal (Terminal)	HISTO: 12484

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX
UTERUS

ADRENAL MEDULLA

MAMMARY GLANDS

THYMUS

OBSERVATIONS

LIVER

INFILTRATION

MONONUCLEAR CELL, MINIMAL

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1724	TRT#: F1-3	DOSE: 15000 ppm	SEX: Female	REMOVAL DAY: PND92
GENERATION: F1	SELECTION: F1c NonParent Female		DISP: Scheduled Removal (Terminal)	HISTO: 12485

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX
UTERUS

ADRENAL MEDULLA

MAMMARY GLANDS

THYMUS

OBSERVATIONS

LIVER

INFILTRATION

MONONUCLEAR CELL, MINIMAL

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1732	TRT#: F1-3	DOSE: 15000 ppm	SEX: Female	REMOVAL DAY: PND92
GENERATION: F1	SELECTION: F1c NonParent Female		DISP: Scheduled Removal (Terminal)	HISTO: 12371

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX
UTERUS

ADRENAL MEDULLA

MAMMARY GLANDS

THYMUS

OBSERVATIONS

LIVER

INFILTRATION

MONONUCLEAR CELL, MINIMAL

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1734	TRT#: F1-3	DOSE: 15000 ppm	SEX: Female	REMOVAL DAY: PND92
GENERATION: F1	SELECTION: F1c NonParent Female		DISP: Scheduled Removal (Terminal)	HISTO: 12372

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX
UTERUS

ADRENAL MEDULLA

MAMMARY GLANDS

THYMUS

OBSERVATIONS

LIVER

INFILTRATION

MONONUCLEAR CELL, MINIMAL

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1740	TRT#: F1-3	DOSE: 15000 ppm	SEX: Female	REMOVAL DAY: PND92
GENERATION: F1	SELECTION: F1c NonParent Female		DISP: Scheduled Removal (Terminal)	HISTO: 12383

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX
UTERUS

ADRENAL MEDULLA

MAMMARY GLANDS

THYMUS

OBSERVATIONS

LIVER

INFILTRATION

MONONUCLEAR CELL, MINIMAL

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1742	TRT#: F1-3	DOSE: 15000 ppm	SEX: Female	REMOVAL DAY: PND92
GENERATION: F1	SELECTION: F1c NonParent Female		DISP: Scheduled Removal (Terminal)	HISTO: 12384

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX
THYMUS

ADRENAL MEDULLA
UTERUS

LIVER

MAMMARY GLANDS

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1744	TRT#: F1-3	DOSE: 15000 ppm	SEX: Female	REMOVAL DAY: PND92
GENERATION: F1	SELECTION: F1c NonParent Female		DISP: Scheduled Removal (Terminal)	HISTO: 12385

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX
UTERUS

ADRENAL MEDULLA

MAMMARY GLANDS

THYMUS

OBSERVATIONS

LIVER

INFILTRATION

MONONUCLEAR CELL, MINIMAL

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1750	TRT#: F1-3	DOSE: 15000 ppm	SEX: Female	REMOVAL DAY: PND92
GENERATION: F1	SELECTION: F1c NonParent Female		DISP: Scheduled Removal (Terminal)	HISTO: 12415

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX
UTERUS

ADRENAL MEDULLA

MAMMARY GLANDS

THYMUS

OBSERVATIONS

LIVER

INFILTRATION

MONONUCLEAR CELL, MINIMAL

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1752	TRT#: F1-3	DOSE: 15000 ppm	SEX: Female	REMOVAL DAY: PND92
GENERATION: F1	SELECTION: F1c NonParent Female		DISP: Scheduled Removal (Terminal)	HISTO: 12416

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX

ADRENAL MEDULLA

THYMUS

UTERUS

OBSERVATIONS

LIVER

INFILTRATION

MONONUCLEAR CELL, MINIMAL

MAMMARY GLANDS

ACINUS

HYPERPLASIA

MINIMAL

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1754	TRT#: F1-3	DOSE: 15000 ppm	SEX: Female	REMOVAL DAY: PND92
GENERATION: F1	SELECTION: F1c NonParent Female		DISP: Scheduled Removal (Terminal)	HISTO: 12417

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX
UTERUS

ADRENAL MEDULLA

MAMMARY GLANDS

THYMUS

OBSERVATIONS

LIVER

INFILTRATION

MONONUCLEAR CELL, MINIMAL

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1768	TRT#: F1-3	DOSE: 15000 ppm	SEX: Female	REMOVAL DAY: PND92
GENERATION: F1	SELECTION: F1c NonParent Female		DISP: Scheduled Removal (Terminal)	HISTO: 12394

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	UTERUS
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OBSERVATIONS

LIVER		INFILTRATION	MONONUCLEAR CELL, MINIMAL
MAMMARY GLANDS	ACINUS	HYPERPLASIA	MINIMAL
THYMUS		HYPERPLASIA	EPITHELIAL, MINIMAL

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1770	TRT#: F1-3	DOSE: 15000 ppm	SEX: Female	REMOVAL DAY: PND92
GENERATION: F1	SELECTION: F1c NonParent Female		DISP: Scheduled Removal (Terminal)	HISTO: 12395

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX
UTERUS

ADRENAL MEDULLA

MAMMARY GLANDS

THYMUS

OBSERVATIONS

LIVER

HEPATOCYTE, PERIportal

HYPERTROPHY
INFILTRATION

MINIMAL
MONONUCLEAR CELL, MINIMAL

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1772	TRT#: F1-3	DOSE: 15000 ppm	SEX: Female	REMOVAL DAY: PND92
GENERATION: F1	SELECTION: F1c NonParent Female		DISP: Scheduled Removal (Terminal)	HISTO: 12396

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX
UTERUS

ADRENAL MEDULLA

MAMMARY GLANDS

THYMUS

OBSERVATIONS

LIVER

INFILTRATION

MONONUCLEAR CELL, MINIMAL

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1002	TRT#: F1-1	DOSE: 0 ppm	SEX: Female	REMOVAL DAY: LD21
GENERATION: F1	SELECTION: F1c Parental Females		DISP: Scheduled Removal (Terminal)	HISTO: 11665

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	CERVIX	LIVER
MAMMARY GLANDS	OVARIES	PITUITARY GLAND	SPLEEN
THYMUS	THYROID GLANDS	UTERUS	VAGINA

OBSERVATIONS

KIDNEYS		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
	CORTICOMEDULLARY JUNCTION	MINERAL	FOCAL, MINIMAL

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1004	TRT#: F1-1	DOSE: 0 ppm	SEX: Female	REMOVAL DAY: PND236
GENERATION: F1	SELECTION: F1c Parental Females		DISP: Scheduled Removal (Terminal)	HISTO: 11666

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	LIVER	MAMMARY GLANDS
OVARIES	PITUITARY GLAND	SPLEEN	THYMUS
THYROID GLANDS	UTERUS	VAGINA	

OBSERVATIONS

CERVIX		CYST	SQUAMOUS
KIDNEYS		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
	CORTICOMEDULLARY JUNCTION	MINERAL	FOCAL, MINIMAL
	PAPILLA	MINERAL	LINEAR, MINIMAL

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1008	TRT#: F1-1	DOSE: 0 ppm	SEX: Female	REMOVAL DAY: LD21
GENERATION: F1	SELECTION: F1c Parental Females		DISP: Scheduled Removal (Terminal)	HISTO: 11649

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	CERVIX	LIVER
MAMMARY GLANDS	OVARIES	SPLEEN	THYMUS
THYROID GLANDS	UTERUS	VAGINA	

OBSERVATIONS

KIDNEYS		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
PITUITARY GLAND	PARS DISTALIS	CYST	

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1010	TRT#: F1-1	DOSE: 0 ppm	SEX: Female	REMOVAL DAY: LD1
GENERATION: F1	SELECTION: F1c Parental Females		DISP: Euthanized Humane	HISTO: 11650

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	CERVIX	LIVER
MAMMARY GLANDS	OVARIES	PITUITARY GLAND	SPLEEN
THYMUS	THYROID GLANDS	VAGINA	

OBSERVATIONS

KIDNEYS		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIMB [SARCOMA TGLS = 1-11]	NOT OTHERWISE SPECIFIED	SARCOMA	
PAW [SARCOMA TGLS = 2-12]		SARCOMA	
UTERUS [NO MICROSCOPIC CORRELATION TGLS = 3-6,3-7]		NO MICROSCOPIC CORRELATION	

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1014	TRT#: F1-1	DOSE: 0 ppm	SEX: Female	REMOVAL DAY: LD21
GENERATION: F1	SELECTION: F1c Parental Females		DISP: Scheduled Removal (Terminal)	HISTO: 11819

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	CERVIX	LIVER
MAMMARY GLANDS	OVARIES	PITUITARY GLAND	SPLEEN
THYMUS	THYROID GLANDS	UTERUS	VAGINA

OBSERVATIONS

KIDNEYS		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
	CORTICOMEDULLARY JUNCTION	MINERAL	FOCAL, MINIMAL

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1016	TRT#: F1-1	DOSE: 0 ppm	SEX: Female	REMOVAL DAY: LD21
GENERATION: F1	SELECTION: F1c Parental Females		DISP: Scheduled Removal (Terminal)	HISTO: 11820

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	CERVIX	LIVER
MAMMARY GLANDS	OVARIES	PITUITARY GLAND	SPLEEN
THYMUS	THYROID GLANDS	UTERUS	VAGINA

OBSERVATIONS

KIDNEYS		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
	CORTICOMEDULLARY JUNCTION	MINERAL	FOCAL, MINIMAL

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1026	TRT#: F1-1	DOSE: 0 ppm	SEX: Female	REMOVAL DAY: PND235
GENERATION: F1	SELECTION: F1c Parental Females		DISP: Scheduled Removal (Terminal)	HISTO: 11866

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	CERVIX	LIVER
MAMMARY GLANDS	OVARIES	PITUITARY GLAND	SPLEEN
THYMUS	THYROID GLANDS	UTERUS	VAGINA

OBSERVATIONS

KIDNEYS		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
	CORTICOMEDULLARY JUNCTION	MINERAL	FOCAL, MINIMAL

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1028	TRT#: F1-1	DOSE: 0 ppm	SEX: Female	REMOVAL DAY: PND218
GENERATION: F1	SELECTION: F1c Parental Females		DISP: Euthanized Humane	HISTO: 11867

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	CERVIX	LIVER
MAMMARY GLANDS	OVARIES	PITUITARY GLAND	SPLEEN
THYMUS	THYROID GLANDS	VAGINA	

OBSERVATIONS

EYES	[NO MICROSCOPIC FINDING RECORDED TGLS = 1-NCL]	NO MICROSCOPIC FINDING RECORDED	
KIDNEYS		CHRONIC PROGRESSIVE NEPHROPATHY INFLAMMATION, CHRONIC	MILD INTERSTITIAL, MINIMAL
UTERUS	CORTICOMEDULLARY JUNCTION ENDOMETRIAL GLANDS ENDOMETRIUM	MINERAL CYST METAPLASIA	FOCAL, MINIMAL SQUAMOUS, MINIMAL

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1032	TRT#: F1-1	DOSE: 0 ppm	SEX: Female	REMOVAL DAY: LD21
GENERATION: F1	SELECTION: F1c Parental Females		DISP: Scheduled Removal (Terminal)	HISTO: 11907

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	CERVIX	KIDNEYS
LIVER	MAMMARY GLANDS	OVARIES	SPLEEN
THYMUS	THYROID GLANDS	UTERUS	VAGINA

OBSERVATIONS

PITUITARY GLAND	PARS DISTALIS	CYST
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Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1034	TRT#: F1-1	DOSE: 0 ppm	SEX: Female	REMOVAL DAY: LD21
GENERATION: F1	SELECTION: F1c Parental Females		DISP: Scheduled Removal (Terminal)	HISTO: 11908

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX
LIVER
SPLEEN
VAGINA

ADRENAL MEDULLA
MAMMARY GLANDS
THYMUS

CERVIX
OVARIES
THYROID GLANDS

KIDNEYS
PITUITARY GLAND
UTERUS

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1042	TRT#: F1-1	DOSE: 0 ppm	SEX: Female	REMOVAL DAY: LD21
GENERATION: F1	SELECTION: F1c Parental Females		DISP: Scheduled Removal (Terminal)	HISTO: 12006

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	CERVIX	MAMMARY GLANDS
OVARIES	PITUITARY GLAND	SPLEEN	THYMUS
THYROID GLANDS	UTERUS	VAGINA	

OBSERVATIONS

KIDNEYS		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
	CORTICOMEDULLARY JUNCTION	MINERAL	FOCAL, MINIMAL
LIVER		INFLAMMATION	FOCAL, MINIMAL

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1044	TRT#: F1-1	DOSE: 0 ppm	SEX: Female	REMOVAL DAY: LD21
GENERATION: F1	SELECTION: F1c Parental Females		DISP: Scheduled Removal (Terminal)	HISTO: 12062

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	CERVIX	LIVER
MAMMARY GLANDS	OVARIES	PITUITARY GLAND	SPLEEN
THYMUS	THYROID GLANDS	VAGINA	

OBSERVATIONS

KIDNEYS		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
	CORTICOMEDULLARY JUNCTION	MINERAL	FOCAL, MINIMAL
UTERUS		HEMATOCYST	

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1046	TRT#: F1-1	DOSE: 0 ppm	SEX: Female	REMOVAL DAY: PND234
GENERATION: F1	SELECTION: F1c Parental Females		DISP: Scheduled Removal (Terminal)	HISTO: 12063

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	CERVIX	CLITORAL GLANDS
LIVER	MAMMARY GLANDS	PITUITARY GLAND	SPLEEN
THYMUS	THYROID GLANDS	UTERUS	VAGINA

OBSERVATIONS

KIDNEYS	CORTICOMEDULLARY JUNCTION	MINERAL	FOCAL, MINIMAL
OVARIES	CORPUS LUTEUM, BILATERAL	CYST	

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1056	TRT#: F1-1	DOSE: 0 ppm	SEX: Female	REMOVAL DAY: LD21
GENERATION: F1	SELECTION: F1c Parental Females		DISP: Scheduled Removal (Terminal)	HISTO: 12019

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	CERVIX	LIVER
MAMMARY GLANDS	PITUITARY GLAND	SPLEEN	THYROID GLANDS
UTERUS	VAGINA		

OBSERVATIONS

KIDNEYS		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
	CORTICOMEDULLARY JUNCTION	MINERAL	FOCAL, MINIMAL
OVARIES	CORPUS LUTEUM, UNILATERAL	CYST	
	FOLLICLE, UNILATERAL	CYST	
THYMUS		HYPERPLASIA	EPITHELIAL, MINIMAL

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1058	TRT#: F1-1	DOSE: 0 ppm	SEX: Female	REMOVAL DAY: PND176
GENERATION: F1	SELECTION: F1c Parental Females		DISP: Euthanized Moribund	HISTO: 12021

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	CERVIX	OVARIES
PITUITARY GLAND	THYMUS	THYROID GLANDS	UTERUS
VAGINA			

OBSERVATIONS

KIDNEYS		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
	CORTICOMEDULLARY JUNCTION	MINERAL	FOCAL, MINIMAL
LIVER		FATTY CHANGE	DIFFUSE, MILD
		NECROSIS	MINIMAL
[FATTY CHANGE TGLS = 1-3]			
MAMMARY GLANDS		INFLAMMATION, ACUTE	MODERATE
[INFLAMMATION, ACUTE TGLS = 2-11,3-12]			
SKIN		NO MICROSCOPIC FINDING RECORDED	
[NO MICROSCOPIC FINDING RECORDED TGLS = 3-12]			
SPLEEN		INFILTRATION, HISTIOCYTIC	MILD

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1066	TRT#: F1-1	DOSE: 0 ppm	SEX: Female	REMOVAL DAY: LD21
GENERATION: F1	SELECTION: F1c Parental Females		DISP: Scheduled Removal (Terminal)	HISTO: 12025

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	CERVIX	LIVER
MAMMARY GLANDS	OVARIES	PITUITARY GLAND	SPLEEN
THYMUS	THYROID GLANDS	UTERUS	VAGINA

OBSERVATIONS

KIDNEYS		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
	CORTICOMEDULLARY JUNCTION	MINERAL	FOCAL, MINIMAL

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1070	TRT#: F1-1	DOSE: 0 ppm	SEX: Female	REMOVAL DAY: LD21
GENERATION: F1	SELECTION: F1c Parental Females		DISP: Scheduled Removal (Terminal)	HISTO: 12000

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	CERVIX	LIVER
MAMMARY GLANDS	PITUITARY GLAND	SPLEEN	THYMUS
THYROID GLANDS	UTERUS	VAGINA	

OBSERVATIONS

KIDNEYS		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
	CORTICOMEDULLARY JUNCTION	MINERAL	FOCAL, MINIMAL
OVARIES	FOLLICLE, UNILATERAL	CYST	

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1072	TRT#: F1-1	DOSE: 0 ppm	SEX: Female	REMOVAL DAY: PND234
GENERATION: F1	SELECTION: F1c Parental Females		DISP: Scheduled Removal (Terminal)	HISTO: 12001

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	CERVIX	LIVER
MAMMARY GLANDS	PITUITARY GLAND	SPLEEN	THYMUS
THYROID GLANDS	VAGINA		

OBSERVATIONS

KIDNEYS	CORTICOMEDULLARY JUNCTION	MINERAL	FOCAL, MINIMAL
OVARIES	FOLLICLE, BILATERAL	CYST	
UTERUS	ENDOMETRIUM	METAPLASIA	SQUAMOUS, MINIMAL

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1076	TRT#: F1-1	DOSE: 0 ppm	SEX: Female	REMOVAL DAY: LD21
GENERATION: F1	SELECTION: F1c Parental Females		DISP: Scheduled Removal (Terminal)	HISTO: 12072

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	CERVIX	LIVER
MAMMARY GLANDS	PITUITARY GLAND	SPLEEN	THYMUS
THYROID GLANDS			

OBSERVATIONS

KIDNEYS		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
	CORTICOMEDULLARY JUNCTION	MINERAL	FOCAL, MINIMAL
OVARIES	PARAOVARIAN TISSUE, UNILATERAL	CYST	
[CYST TGLS = 1-8]			
UTERUS		NO MICROSCOPIC CORRELATION	
[NO MICROSCOPIC CORRELATION TGLS = 2-6.2-7]			
VAGINA		MUCIFICATION	MILD

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1078	TRT#: F1-1	DOSE: 0 ppm	SEX: Female	REMOVAL DAY: LD21
GENERATION: F1	SELECTION: F1c Parental Females		DISP: Scheduled Removal (Terminal)	HISTO: 12073

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	CERVIX	LIVER
MAMMARY GLANDS	PITUITARY GLAND	SPLEEN	THYMUS
THYROID GLANDS	UTERUS	VAGINA	

OBSERVATIONS

KIDNEYS		CHRONIC PROGRESSIVE NEPHROPATHY	MILD
OVARIES	FOLLICLE, UNILATERAL	CYST	

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1086	TRT#: F1-1	DOSE: 0 ppm	SEX: Female	REMOVAL DAY: PND233
GENERATION: F1	SELECTION: F1c Parental Females		DISP: Scheduled Removal (Terminal)	HISTO: 12127

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	CERVIX	LIVER
MAMMARY GLANDS	PITUITARY GLAND	SPLEEN	THYMUS
UTERUS	VAGINA		

OBSERVATIONS

KIDNEYS		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
	CORTICOMEDULLARY JUNCTION	MINERAL	FOCAL, MINIMAL
	PAPILLA	MINERAL	LINEAR, MINIMAL
OVARIES	CORPUS LUTEUM, UNILATERAL	CYST	
	FOLLICLE, BILATERAL	CYST	
THYROID GLANDS	C-CELL, UNILATERAL	HYPERPLASIA	MINIMAL

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1088	TRT#: F1-1	DOSE: 0 ppm	SEX: Female	REMOVAL DAY: LD21
GENERATION: F1	SELECTION: F1c Parental Females		DISP: Scheduled Removal (Terminal)	HISTO: 12128

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	CERVIX	MAMMARY GLANDS
OVARIES	PITUITARY GLAND	SPLEEN	THYMUS
THYROID GLANDS	UTERUS	VAGINA	

OBSERVATIONS

KIDNEYS	CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER	INFLAMMATION	FOCAL, MINIMAL

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1098	TRT#: F1-1	DOSE: 0 ppm	SEX: Female	REMOVAL DAY: LD21
GENERATION: F1	SELECTION: F1c Parental Females		DISP: Scheduled Removal (Terminal)	HISTO: 12135

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	CERVIX	LIVER
MAMMARY GLANDS	PITUITARY GLAND	SPLEEN	THYMUS
THYROID GLANDS	UTERUS	VAGINA	

OBSERVATIONS

KIDNEYS		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
	CORTICOMEDULLARY JUNCTION	MINERAL	FOCAL, MINIMAL
OVARIES	CORPUS LUTEUM, UNILATERAL	CYST	

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1100	TRT#: F1-1	DOSE: 0 ppm	SEX: Female	REMOVAL DAY: LD21
GENERATION: F1	SELECTION: F1c Parental Females		DISP: Scheduled Removal (Terminal)	HISTO: 12136

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	CERVIX	KIDNEYS
LIVER	MAMMARY GLANDS	PITUITARY GLAND	SPLEEN
THYMUS	THYROID GLANDS	UTERUS	VAGINA

OBSERVATIONS

OVARIES	CORPUS LUTEUM, UNILATERAL	CYST
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Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1104	TRT#: F1-1	DOSE: 0 ppm	SEX: Female	REMOVAL DAY: PND233
GENERATION: F1	SELECTION: F1c Parental Females		DISP: Scheduled Removal (Terminal)	HISTO: 12256

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	CERVIX	LIVER
MAMMARY GLANDS	PITUITARY GLAND	SPLEEN	THYROID GLANDS
UTERUS	VAGINA		

OBSERVATIONS

KIDNEYS		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
OVARIES	FOLLICLE, BILATERAL	CYST	
THYMUS		HYPERPLASIA	EPITHELIAL, MINIMAL

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1106	TRT#: F1-1	DOSE: 0 ppm	SEX: Female	REMOVAL DAY: PND233
GENERATION: F1	SELECTION: F1c Parental Females		DISP: Scheduled Removal (Terminal)	HISTO: 12257

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	CERVIX	MAMMARY GLANDS
OVARIES	PITUITARY GLAND	SPLEEN	THYMUS
THYROID GLANDS	UTERUS	VAGINA	

OBSERVATIONS

KIDNEYS	CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER	INFILTRATION	MONONUCLEAR CELL, MINIMAL

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1108	TRT#: F1-1	DOSE: 0 ppm	SEX: Female	REMOVAL DAY: LD21
GENERATION: F1	SELECTION: F1c Parental Females		DISP: Scheduled Removal (Terminal)	HISTO: 12152

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	CERVIX	MAMMARY GLANDS
PITUITARY GLAND	SPLEEN	THYMUS	THYROID GLANDS
UTERUS	VAGINA		

OBSERVATIONS

KIDNEYS		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER	BILE DUCT	HYPERPLASIA	MINIMAL
		INFLAMMATION	FOCAL, MINIMAL
OVARIES	OVIDUCT, UNILATERAL	CYST	
[CYST TGLS = 1-8]			

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1110	TRT#: F1-1	DOSE: 0 ppm	SEX: Female	REMOVAL DAY: LD21
GENERATION: F1	SELECTION: F1c Parental Females		DISP: Scheduled Removal (Terminal)	HISTO: 12153

TISSUE STATUS

No Visible Lesions

ADRENAL MEDULLA	CERVIX	MAMMARY GLANDS	OVARIES
PITUITARY GLAND	SPLEEN	THYMUS	THYROID GLANDS
UTERUS	VAGINA		

OBSERVATIONS

ADRENAL CORTEX	UNILATERAL,	VACUOLIZATION CYTOPLASMIC	FOCAL, MINIMAL
KIDNEYS		CHRONIC PROGRESSIVE NEPHROPATHY	MILD
LIVER	BILE DUCT	HYPERPLASIA	MINIMAL

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1120	TRT#: F1-1	DOSE: 0 ppm	SEX: Female	REMOVAL DAY: PND233
GENERATION: F1	SELECTION: F1c Parental Females		DISP: Scheduled Removal (Terminal)	HISTO: 12160

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	CERVIX	LIVER
MAMMARY GLANDS	OVARIES	PITUITARY GLAND	SPLEEN
THYMUS	THYROID GLANDS	UTERUS	VAGINA

OBSERVATIONS

KIDNEYS	CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
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Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1122	TRT#: F1-1	DOSE: 0 ppm	SEX: Female	REMOVAL DAY: LD21
GENERATION: F1	SELECTION: F1c Parental Females		DISP: Scheduled Removal (Terminal)	HISTO: 12161

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	CERVIX	LIVER
MAMMARY GLANDS	OVARIES	PITUITARY GLAND	SPLEEN
THYMUS	THYROID GLANDS	UTERUS	VAGINA

OBSERVATIONS

KIDNEYS		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
	CORTICOMEDULLARY JUNCTION	MINERAL	FOCAL, MINIMAL

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1128	TRT#: F1-1	DOSE: 0 ppm	SEX: Female	REMOVAL DAY: LD21
GENERATION: F1	SELECTION: F1c Parental Females		DISP: Scheduled Removal (Terminal)	HISTO: 12271

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	CERVIX	LIVER
MAMMARY GLANDS	OVARIES	PITUITARY GLAND	SPLEEN
THYMUS	THYROID GLANDS	UTERUS	VAGINA

OBSERVATIONS

KIDNEYS		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
	CORTICOMEDULLARY JUNCTION	MINERAL	FOCAL, MINIMAL

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1130	TRT#: F1-1	DOSE: 0 ppm	SEX: Female	REMOVAL DAY: LD21
GENERATION: F1	SELECTION: F1c Parental Females		DISP: Scheduled Removal (Terminal)	HISTO: 12272

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	CERVIX	LIVER
MAMMARY GLANDS	PITUITARY GLAND	SPLEEN	THYMUS
THYROID GLANDS	UTERUS	VAGINA	

OBSERVATIONS

KIDNEYS	CORTICOMEDULLARY JUNCTION	MINERAL	FOCAL, MINIMAL
OVARIES	FOLLICLE, UNILATERAL	CYST	

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1132	TRT#: F1-1	DOSE: 0 ppm	SEX: Female	REMOVAL DAY: LD21
GENERATION: F1	SELECTION: F1c Parental Females		DISP: Scheduled Removal (Terminal)	HISTO: 12279

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	CERVIX	LIVER
MAMMARY GLANDS	PITUITARY GLAND	SPLEEN	THYMUS
THYROID GLANDS	UTERUS	VAGINA	

OBSERVATIONS

KIDNEYS		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
	CORTICOMEDULLARY JUNCTION	MINERAL	FOCAL, MINIMAL
OVARIES	CORPUS LUTEUM, UNILATERAL	CYST	

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1134	TRT#: F1-1	DOSE: 0 ppm	SEX: Female	REMOVAL DAY: LD21
GENERATION: F1	SELECTION: F1c Parental Females		DISP: Scheduled Removal (Terminal)	HISTO: 12280

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	CERVIX	LIVER
MAMMARY GLANDS	OVARIES	PITUITARY GLAND	SPLEEN
THYMUS	THYROID GLANDS	UTERUS	VAGINA

OBSERVATIONS

KIDNEYS	CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
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Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1146	TRT#: F1-1	DOSE: 0 ppm	SEX: Female	REMOVAL DAY: LD21
GENERATION: F1	SELECTION: F1c Parental Females		DISP: Scheduled Removal (Terminal)	HISTO: 12347

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	CERVIX	KIDNEYS
LIVER	MAMMARY GLANDS	OVARIES	PITUITARY GLAND
SPLEEN	THYROID GLANDS	UTERUS	VAGINA

OBSERVATIONS

THYMUS	ATROPHY	MINIMAL
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Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1148	TRT#: F1-1	DOSE: 0 ppm	SEX: Female	REMOVAL DAY: PND232
GENERATION: F1	SELECTION: F1c Parental Females		DISP: Scheduled Removal (Terminal)	HISTO: 12348

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	CERVIX	MAMMARY GLANDS
PITUITARY GLAND	SPLEEN	THYROID GLANDS	UTERUS
VAGINA			

OBSERVATIONS

KIDNEYS		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
	CORTICOMEDULLARY JUNCTION	MINERAL	FOCAL, MINIMAL
LIVER	BILE DUCT	HYPERPLASIA	MINIMAL
OVARIES	FOLLICLE, UNILATERAL	CYST	
THYMUS		HYPERPLASIA	EPITHELIAL, MINIMAL

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1156	TRT#: F1-1	DOSE: 0 ppm	SEX: Female	REMOVAL DAY: PND232
GENERATION: F1	SELECTION: F1c Parental Females		DISP: Scheduled Removal (Terminal)	HISTO: 12426

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	CERVIX	LIVER
MAMMARY GLANDS	OVARIES	PITUITARY GLAND	SPLEEN
THYMUS	THYROID GLANDS	UTERUS	VAGINA

OBSERVATIONS

ADRENAL CORTEX
Tissue Note: ONE OF A PAIR PRESENT.

KIDNEYS
Tissue Note: ONE OF A PAIR PRESENT.

CHRONIC PROGRESSIVE NEPHROPATHY MINIMAL

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1158	TRT#: F1-1	DOSE: 0 ppm	SEX: Female	REMOVAL DAY: LD21
GENERATION: F1	SELECTION: F1c Parental Females		DISP: Scheduled Removal (Terminal)	HISTO: 12427

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	CERVIX	LIVER
MAMMARY GLANDS	OVARIES	PITUITARY GLAND	SPLEEN
THYMUS	THYROID GLANDS	UTERUS	VAGINA

OBSERVATIONS

ADRENAL CORTEX

Tissue Note: ONE OF A PAIR PRESENT.

KIDNEYS	CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
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Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1168	TRT#: F1-1	DOSE: 0 ppm	SEX: Female	REMOVAL DAY: LD21
GENERATION: F1	SELECTION: F1c Parental Females		DISP: Scheduled Removal (Terminal)	HISTO: 12498

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	CERVIX	LIVER
MAMMARY GLANDS	PITUITARY GLAND	SPLEEN	THYMUS
THYROID GLANDS	UTERUS	VAGINA	

OBSERVATIONS

KIDNEYS		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
OVARIES	FOLLICLE, UNILATERAL	CYST	

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1170	TRT#: F1-1	DOSE: 0 ppm	SEX: Female	REMOVAL DAY: LD21
GENERATION: F1	SELECTION: F1c Parental Females		DISP: Scheduled Removal (Terminal)	HISTO: 12499

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	CERVIX	LIVER
MAMMARY GLANDS	OVARIES	PITUITARY GLAND	SPLEEN
THYMUS	THYROID GLANDS	UTERUS	VAGINA

OBSERVATIONS

KIDNEYS	CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
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Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1302	TRT#: F1-2	DOSE: 5000 ppm	SEX: Female	REMOVAL DAY: LD21
GENERATION: F1	SELECTION: F1c Parental Females		DISP: Scheduled Removal (Terminal)	HISTO: 11691

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX

ADRENAL MEDULLA

LIVER

THYMUS

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1304	TRT#: F1-2	DOSE: 5000 ppm	SEX: Female	REMOVAL DAY: LD21
GENERATION: F1	SELECTION: F1c Parental Females		DISP: Scheduled Removal (Terminal)	HISTO: 11693

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX

ADRENAL MEDULLA

LIVER

THYMUS

OBSERVATIONS

OVARIES

NO MICROSCOPIC CORRELATION

[NO MICROSCOPIC CORRELATION TGLS = 1-8]

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1312	TRT#: F1-2	DOSE: 5000 ppm	SEX: Female	REMOVAL DAY: LD21
GENERATION: F1	SELECTION: F1c Parental Females		DISP: Scheduled Removal (Terminal)	HISTO: 11675

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX

ADRENAL MEDULLA

THYMUS

OBSERVATIONS

LIVER

HEPATOCTE, PERIPORTAL

HYPERTROPHY

MINIMAL

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1314	TRT#: F1-2	DOSE: 5000 ppm	SEX: Female	REMOVAL DAY: LD21
GENERATION: F1	SELECTION: F1c Parental Females		DISP: Scheduled Removal (Terminal)	HISTO: 11676

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX

ADRENAL MEDULLA

THYMUS

OBSERVATIONS

LIVER

HEPATOCYTE, PERIportal

HYPERTROPHY

MINIMAL

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1318	TRT#: F1-2	DOSE: 5000 ppm	SEX: Female	REMOVAL DAY: LD21
GENERATION: F1	SELECTION: F1c Parental Females		DISP: Scheduled Removal (Terminal)	HISTO: 11718

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX

ADRENAL MEDULLA

LIVER

THYMUS

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1320	TRT#: F1-2	DOSE: 5000 ppm	SEX: Female	REMOVAL DAY: LD21
GENERATION: F1	SELECTION: F1c Parental Females		DISP: Scheduled Removal (Terminal)	HISTO: 11719

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	LIVER	THYMUS
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OBSERVATIONS

CLITORAL GLANDS [ECTASIA TGLS = 1-11,2-11]	DUCT, BILATERAL	ECTASIA	MILD
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Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1328	TRT#: F1-2	DOSE: 5000 ppm	SEX: Female	REMOVAL DAY: LD21
GENERATION: F1	SELECTION: F1c Parental Females		DISP: Scheduled Removal (Terminal)	HISTO: 11736

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX

ADRENAL MEDULLA

THYMUS

OBSERVATIONS

LIVER

HEPATOCYTE, PERIPORTAL

HYPERTROPHY

MINIMAL

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1330	TRT#: F1-2	DOSE: 5000 ppm	SEX: Female	REMOVAL DAY: PND235
GENERATION: F1	SELECTION: F1c Parental Females		DISP: Scheduled Removal (Terminal)	HISTO: 11737

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX

ADRENAL MEDULLA

THYMUS

OBSERVATIONS

LIVER

HEPATOCYTE, PERIPORTAL

HYPERTROPHY

MINIMAL

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1334	TRT#: F1-2	DOSE: 5000 ppm	SEX: Female	REMOVAL DAY: GD10
GENERATION: F1	SELECTION: F1c Parental Females		DISP: Euthanized Moribund	HISTO: 11946

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	BRAIN	CERVIX
LIVER	MAMMARY GLANDS	OVARIES	PITUITARY GLAND
SPLEEN	THYMUS	THYROID GLANDS	UTERUS
VAGINA			

OBSERVATIONS

HEART		NO MICROSCOPIC CORRELATION	
[NO MICROSCOPIC CORRELATION TGLS = 1-12]			
KIDNEYS		CHRONIC PROGRESSIVE NEPHROPATHY	MILD
	CORTICOMEDULLARY JUNCTION	MINERAL	FOCAL, MINIMAL
PANCREAS		NO MICROSCOPIC CORRELATION	
[NO MICROSCOPIC CORRELATION TGLS = 2-13,3-13]			

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1336	TRT#: F1-2	DOSE: 5000 ppm	SEX: Female	REMOVAL DAY: LD21
GENERATION: F1	SELECTION: F1c Parental Females		DISP: Scheduled Removal (Terminal)	HISTO: 11947

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX

ADRENAL MEDULLA

THYMUS

OBSERVATIONS

LIVER

HEPATOCYTE, PERIportal

HYPERTROPHY

INFLAMMATION

MINIMAL

FOCAL, MINIMAL

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1346	TRT#: F1-2	DOSE: 5000 ppm	SEX: Female	REMOVAL DAY: LD21
GENERATION: F1	SELECTION: F1c Parental Females		DISP: Scheduled Removal (Terminal)	HISTO: 11967

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX

ADRENAL MEDULLA

THYMUS

OBSERVATIONS

LIVER

HEPATOCYTE, PERIportal

HYPERTROPHY

MINIMAL

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1348	TRT#: F1-2	DOSE: 5000 ppm	SEX: Female	REMOVAL DAY: LD21
GENERATION: F1	SELECTION: F1c Parental Females		DISP: Scheduled Removal (Terminal)	HISTO: 11968

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX

ADRENAL MEDULLA

THYMUS

OBSERVATIONS

LIVER

HEPATOCTE, PERIportal

HYPERTROPHY

MINIMAL

MAMMARY GLANDS

ADENOCARCINOMA

[ADENOCARCINOMA TGLS = 1-11]

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1356	TRT#: F1-2	DOSE: 5000 ppm	SEX: Female	REMOVAL DAY: LD21
GENERATION: F1	SELECTION: F1c Parental Females		DISP: Scheduled Removal (Terminal)	HISTO: 11972

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX

ADRENAL MEDULLA

THYMUS

OBSERVATIONS

FAT

NECROSIS

MILD

[NECROSIS TGLS = 1-11]

LIVER

BILE DUCT

HYPERPLASIA

MINIMAL

HEPATOCTE, PERIportal

HYPERTROPHY

MINIMAL

INFLAMMATION

FOCAL, MINIMAL

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1358	TRT#: F1-2	DOSE: 5000 ppm	SEX: Female	REMOVAL DAY: PND235
GENERATION: F1	SELECTION: F1c Parental Females		DISP: Scheduled Removal (Terminal)	HISTO: 11973

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX

ADRENAL MEDULLA

LIVER

THYMUS

OBSERVATIONS

UTERUS

PLACENTA

NO MICROSCOPIC CORRELATION

RETENTION

[NO MICROSCOPIC CORRELATION TGLS = 1-7]

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1360	TRT#: F1-2	DOSE: 5000 ppm	SEX: Female	REMOVAL DAY: LD21
GENERATION: F1	SELECTION: F1c Parental Females		DISP: Scheduled Removal (Terminal)	HISTO: 11974

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX

ADRENAL MEDULLA

THYMUS

OBSERVATIONS

LIVER

BILE DUCT

HYPERPLASIA

MINIMAL

HEPATOCTE, PERIportal

HYPERTROPHY

MINIMAL

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1362	TRT#: F1-2	DOSE: 5000 ppm	SEX: Female	REMOVAL DAY: LD21
GENERATION: F1	SELECTION: F1c Parental Females		DISP: Scheduled Removal (Terminal)	HISTO: 11975

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX

ADRENAL MEDULLA

THYMUS

OBSERVATIONS

LIVER

HEPATOCYTE, PERIPORTAL

HYPERTROPHY

MINIMAL

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1366	TRT#: F1-2	DOSE: 5000 ppm	SEX: Female	REMOVAL DAY: PND235
GENERATION: F1	SELECTION: F1c Parental Females		DISP: Scheduled Removal (Terminal)	HISTO: 11799

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX

ADRENAL MEDULLA

THYMUS

OBSERVATIONS

LIVER

HEPATOCTE, PERIportal

HYPERTROPHY

MINIMAL

SKIN

EPITHELIUM

HYPERPLASIA

MINIMAL

DERMIS

INFLAMMATION, CHRONIC

MINIMAL

[HYPERPLASIA TGLS = 1-11]

[INFLAMMATION, CHRONIC TGLS = 1-11]

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1368	TRT#: F1-2	DOSE: 5000 ppm	SEX: Female	REMOVAL DAY: LD21
GENERATION: F1	SELECTION: F1c Parental Females		DISP: Scheduled Removal (Terminal)	HISTO: 11800

TISSUE STATUS

No Visible Lesions

ADRENAL MEDULLA	THYMUS
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OBSERVATIONS

ADRENAL CORTEX	UNILATERAL	VACUOLIZATION CYTOPLASMIC	FOCAL, MINIMAL
LIVER	HEPATOCTE, PERIportal	HYPERTROPHY	MINIMAL

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1378	TRT#: F1-2	DOSE: 5000 ppm	SEX: Female	REMOVAL DAY: LD21
GENERATION: F1	SELECTION: F1c Parental Females		DISP: Scheduled Removal (Terminal)	HISTO: 12171

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX

ADRENAL MEDULLA

THYMUS

OBSERVATIONS

LIVER

HEPATOCTE, PERIPORTAL

HYPERTROPHY

MINIMAL

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1380	TRT#: F1-2	DOSE: 5000 ppm	SEX: Female	REMOVAL DAY: LD21
GENERATION: F1	SELECTION: F1c Parental Females		DISP: Scheduled Removal (Terminal)	HISTO: 12172

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX

ADRENAL MEDULLA

LIVER

THYMUS

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1384	TRT#: F1-2	DOSE: 5000 ppm	SEX: Female	REMOVAL DAY: PND233
GENERATION: F1	SELECTION: F1c Parental Females		DISP: Scheduled Removal (Terminal)	HISTO: 12296

TISSUE STATUS

No Visible Lesions

ADRENAL MEDULLA

LIVER

THYMUS

OBSERVATIONS

ADRENAL CORTEX

UNILATERAL

HYPERPLASIA

FOCAL, MINIMAL

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1386	TRT#: F1-2	DOSE: 5000 ppm	SEX: Female	REMOVAL DAY: PND233
GENERATION: F1	SELECTION: F1c Parental Females		DISP: Scheduled Removal (Terminal)	HISTO: 12297

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX

ADRENAL MEDULLA

LIVER

THYMUS

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1394	TRT#: F1-2	DOSE: 5000 ppm	SEX: Female	REMOVAL DAY: LD21
GENERATION: F1	SELECTION: F1c Parental Females		DISP: Scheduled Removal (Terminal)	HISTO: 12301

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX

ADRENAL MEDULLA

THYMUS

OBSERVATIONS

LIVER

HEPATOCTE, PERIPORTAL

HYPERTROPHY

MINIMAL

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1396	TRT#: F1-2	DOSE: 5000 ppm	SEX: Female	REMOVAL DAY: GD18
GENERATION: F1	SELECTION: F1c Parental Females		DISP: Euthanized Moribund	HISTO: 12405

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	CERVIX	KIDNEYS
PITUITARY GLAND	THYMUS	THYROID GLANDS	UTERUS
VAGINA			

OBSERVATIONS

LIVER		INFLAMMATION	FOCAL, MINIMAL
MAMMARY GLANDS		ADENOCARCINOMA	
[ADENOCARCINOMA TGLS = 1-11,2-10]			
OVARIES	CORPUS LUTEUM, BILATERAL	CYST	
SPLEEN		EXTRAMEDULLARY HEMATOPOIESIS	INCREASED, MILD

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1398	TRT#: F1-2	DOSE: 5000 ppm	SEX: Female	REMOVAL DAY: LD21
GENERATION: F1	SELECTION: F1c Parental Females		DISP: Scheduled Removal (Terminal)	HISTO: 12406

TISSUE STATUS

No Visible Lesions

ADRENAL MEDULLA	THYMUS
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OBSERVATIONS

ADRENAL CORTEX	ZONA GLOMERULOSA, BILATERAL	VACUOLIZATION CYTOPLASMIC	MINIMAL
LIVER	BILE DUCT	HYPERPLASIA	MINIMAL
	HEPATOCTE, PERIPORTAL	HYPERTROPHY	MINIMAL

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1406	TRT#: F1-2	DOSE: 5000 ppm	SEX: Female	REMOVAL DAY: LD21
GENERATION: F1	SELECTION: F1c Parental Females		DISP: Scheduled Removal (Terminal)	HISTO: 12468

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX

ADRENAL MEDULLA

THYMUS

OBSERVATIONS

LIVER

HEPATOCYTE, PERIportal

HYPERTROPHY

MINIMAL

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1408	TRT#: F1-2	DOSE: 5000 ppm	SEX: Female	REMOVAL DAY: LD21
GENERATION: F1	SELECTION: F1c Parental Females		DISP: Scheduled Removal (Terminal)	HISTO: 12469

TISSUE STATUS

No Visible Lesions

ADRENAL MEDULLA

OBSERVATIONS

ADRENAL CORTEX	ZONA GLOMERULOSA, BILATERAL	VACUOLIZATION CYTOPLASMIC	MINIMAL
LIVER	HEPATOCTE, PERIportal	HYPERTROPHY	MINIMAL
THYMUS		ATROPHY	MINIMAL

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1416	TRT#: F1-2	DOSE: 5000 ppm	SEX: Female	REMOVAL DAY: LD21
GENERATION: F1	SELECTION: F1c Parental Females		DISP: Scheduled Removal (Terminal)	HISTO: 12473

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	THYMUS
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OBSERVATIONS

KIDNEYS		CHRONIC PROGRESSIVE NEPHROPATHY	MILD
[CHRONIC PROGRESSIVE NEPHROPATHY TGLS = 1-2]			
LIVER	HEPATOCTYE, PERIportal	HYPERTROPHY	MINIMAL

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1418	TRT#: F1-2	DOSE: 5000 ppm	SEX: Female	REMOVAL DAY: LD21
GENERATION: F1	SELECTION: F1c Parental Females		DISP: Scheduled Removal (Terminal)	HISTO: 12439

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX

ADRENAL MEDULLA

THYMUS

OBSERVATIONS

LIVER

HEPATOCTE, PERIPORTAL

HYPERTROPHY

MINIMAL

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1420	TRT#: F1-2	DOSE: 5000 ppm	SEX: Female	REMOVAL DAY: LD21
GENERATION: F1	SELECTION: F1c Parental Females		DISP: Scheduled Removal (Terminal)	HISTO: 12440

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX

ADRENAL MEDULLA

LIVER

THYMUS

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1428	TRT#: F1-2	DOSE: 5000 ppm	SEX: Female	REMOVAL DAY: LD21
GENERATION: F1	SELECTION: F1c Parental Females		DISP: Scheduled Removal (Terminal)	HISTO: 12444

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX

ADRENAL MEDULLA

LIVER

THYMUS

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1430	TRT#: F1-2	DOSE: 5000 ppm	SEX: Female	REMOVAL DAY: PND231
GENERATION: F1	SELECTION: F1c Parental Females		DISP: Scheduled Removal (Terminal)	HISTO: 12513

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX

ADRENAL MEDULLA

LIVER

THYMUS

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1432	TRT#: F1-2	DOSE: 5000 ppm	SEX: Female	REMOVAL DAY: LD21
GENERATION: F1	SELECTION: F1c Parental Females		DISP: Scheduled Removal (Terminal)	HISTO: 12514

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX

ADRENAL MEDULLA

LIVER

THYMUS

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1438	TRT#: F1-2	DOSE: 5000 ppm	SEX: Female	REMOVAL DAY: LD21
GENERATION: F1	SELECTION: F1c Parental Females		DISP: Scheduled Removal (Terminal)	HISTO: 12543

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX

ADRENAL MEDULLA

LIVER

THYMUS

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1440	TRT#: F1-2	DOSE: 5000 ppm	SEX: Female	REMOVAL DAY: LD21
GENERATION: F1	SELECTION: F1c Parental Females		DISP: Scheduled Removal (Terminal)	HISTO: 12544

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX

ADRENAL MEDULLA

THYMUS

OBSERVATIONS

LIVER

HEPATOCYTE, PERIportal

HYPERTROPHY

MINIMAL

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1448	TRT#: F1-2	DOSE: 5000 ppm	SEX: Female	REMOVAL DAY: PND227
GENERATION: F1	SELECTION: F1c Parental Females		DISP: Scheduled Removal (Terminal)	HISTO: 12548

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX

ADRENAL MEDULLA

THYMUS

OBSERVATIONS

LIVER

HEPATOCYTE, PERIportal

HYPERTROPHY

MINIMAL

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1450	TRT#: F1-2	DOSE: 5000 ppm	SEX: Female	REMOVAL DAY: LD21
GENERATION: F1	SELECTION: F1c Parental Females		DISP: Scheduled Removal (Terminal)	HISTO: 12549

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX

ADRENAL MEDULLA

LIVER

THYMUS

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1452	TRT#: F1-2	DOSE: 5000 ppm	SEX: Female	REMOVAL DAY: LD21
GENERATION: F1	SELECTION: F1c Parental Females		DISP: Scheduled Removal (Terminal)	HISTO: 12550

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX

ADRENAL MEDULLA

LIVER

THYMUS

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1454	TRT#: F1-2	DOSE: 5000 ppm	SEX: Female	REMOVAL DAY: LD21
GENERATION: F1	SELECTION: F1c Parental Females		DISP: Scheduled Removal (Terminal)	HISTO: 12551

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX

ADRENAL MEDULLA

THYMUS

OBSERVATIONS

LIVER

HEPATOCYTE, PERIPORTAL

HYPERTROPHY

MINIMAL

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1456	TRT#: F1-2	DOSE: 5000 ppm	SEX: Female	REMOVAL DAY: PND227
GENERATION: F1	SELECTION: F1c Parental Females		DISP: Scheduled Removal (Terminal)	HISTO: 12552

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX

ADRENAL MEDULLA

LIVER

THYMUS

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1602	TRT#: F1-3	DOSE: 15000 ppm	SEX: Female	REMOVAL DAY: LD21
GENERATION: F1	SELECTION: F1c Parental Females		DISP: Scheduled Removal (Terminal)	HISTO: 11657

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX

ADRENAL MEDULLA

MISSING

THYMUS

OBSERVATIONS

LIVER

HEPATOCYTE, PERIportal

HYPERTROPHY

MINIMAL

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1604	TRT#: F1-3	DOSE: 15000 ppm	SEX: Female	REMOVAL DAY: LD21
GENERATION: F1	SELECTION: F1c Parental Females		DISP: Scheduled Removal (Terminal)	HISTO: 11658

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX

ADRENAL MEDULLA

THYMUS

OBSERVATIONS

LIVER

HEPATOCYTE, PERIportal

HYPERTROPHY

MINIMAL

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1610	TRT#: F1-3	DOSE: 15000 ppm	SEX: Female	REMOVAL DAY: LD21
GENERATION: F1	SELECTION: F1c Parental Females		DISP: Scheduled Removal (Terminal)	HISTO: 11746

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX

ADRENAL MEDULLA

LIVER

THYMUS

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1612	TRT#: F1-3	DOSE: 15000 ppm	SEX: Female	REMOVAL DAY: PND235
GENERATION: F1	SELECTION: F1c Parental Females		DISP: Scheduled Removal (Terminal)	HISTO: 11748

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX

ADRENAL MEDULLA

LIVER

THYMUS

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1620	TRT#: F1-3	DOSE: 15000 ppm	SEX: Female	REMOVAL DAY: LD21
GENERATION: F1	SELECTION: F1c Parental Females		DISP: Scheduled Removal (Terminal)	HISTO: 11753

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX

ADRENAL MEDULLA

THYMUS

OBSERVATIONS

LIVER

INFILTRATION

MONONUCLEAR CELL, MINIMAL

MAMMARY GLANDS

FIBROADENOMA

[FIBROADENOMA TGLS = 1-10A]

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1622	TRT#: F1-3	DOSE: 15000 ppm	SEX: Female	REMOVAL DAY: LD21
GENERATION: F1	SELECTION: F1c Parental Females		DISP: Scheduled Removal (Terminal)	HISTO: 11932

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA
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OBSERVATIONS

LIVER	BILE DUCT	HYPERPLASIA	MINIMAL
	HEPATOCTE, PERIportal	HYPERTROPHY	MINIMAL
THYMUS		ATROPHY	MINIMAL
		CYST	

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1624	TRT#: F1-3	DOSE: 15000 ppm	SEX: Female	REMOVAL DAY: LD21
GENERATION: F1	SELECTION: F1c Parental Females		DISP: Scheduled Removal (Terminal)	HISTO: 11934

TISSUE STATUS

No Visible Lesions

ADRENAL MEDULLA

OBSERVATIONS

ADRENAL CORTEX	ZONA GLOMERULOSA, BILATERAL	VACUOLIZATION CYTOPLASMIC	MINIMAL
LIVER	BILE DUCT	HYPERPLASIA	MINIMAL
	HEPATOCTE, PERIPORTAL	HYPERTROPHY	MINIMAL
THYMUS		ATROPHY	MINIMAL

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1632	TRT#: F1-3	DOSE: 15000 ppm	SEX: Female	REMOVAL DAY: LD21
GENERATION: F1	SELECTION: F1c Parental Females		DISP: Scheduled Removal (Terminal)	HISTO: 11938

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA
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OBSERVATIONS

LIVER	BILE DUCT	HYPERPLASIA	MINIMAL
	HEPATOCTYE, PERIportal	HYPERTROPHY	MINIMAL
THYMUS		ATROPHY	MINIMAL

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1634	TRT#: F1-3	DOSE: 15000 ppm	SEX: Female	REMOVAL DAY: LD21
GENERATION: F1	SELECTION: F1c Parental Females		DISP: Scheduled Removal (Terminal)	HISTO: 11764

TISSUE STATUS

No Visible Lesions

ADRENAL MEDULLA

OBSERVATIONS

ADRENAL CORTEX	ZONA GLOMERULOSA, BILATERAL	VACUOLIZATION CYTOPLASMIC	MINIMAL
LIVER	HEPATOCTE, PERIportal	HYPERTROPHY	MINIMAL
THYMUS		ATROPHY	MINIMAL

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1636	TRT#: F1-3	DOSE: 15000 ppm	SEX: Female	REMOVAL DAY: PND235
GENERATION: F1	SELECTION: F1c Parental Females		DISP: Scheduled Removal (Terminal)	HISTO: 11879

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX

ADRENAL MEDULLA

THYMUS

OBSERVATIONS

LIVER

HEPATOCYTE, PERIPORTAL

HYPERTROPHY

MINIMAL

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1638	TRT#: F1-3	DOSE: 15000 ppm	SEX: Female	REMOVAL DAY: GD19
GENERATION: F1	SELECTION: F1c Parental Females		DISP: Euthanized Humane	HISTO: 11880

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	CERVIX	KIDNEYS
OVARIES	PITUITARY GLAND	SPLEEN	THYMUS
THYROID GLANDS	UTERUS	VAGINA	

OBSERVATIONS

LIVER	BILE DUCT	HYPERPLASIA	MINIMAL
		INFILTRATION	MONONUCLEAR CELL, MILD
MAMMARY GLANDS		ADENOCARCINOMA	
[ADENOCARCINOMA TGLS = 1-10]			

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1646	TRT#: F1-3	DOSE: 15000 ppm	SEX: Female	REMOVAL DAY: LD21
GENERATION: F1	SELECTION: F1c Parental Females		DISP: Scheduled Removal (Terminal)	HISTO: 11837

TISSUE STATUS

No Visible Lesions

ADRENAL MEDULLA

OBSERVATIONS

ADRENAL CORTEX	ZONA GLOMERULOSA, BILATERAL	VACUOLIZATION CYTOPLASMIC	MINIMAL
LIVER	HEPATOCTE, PERIportal	HYPERTROPHY	MINIMAL
THYMUS		ATROPHY	MINIMAL

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1648	TRT#: F1-3	DOSE: 15000 ppm	SEX: Female	REMOVAL DAY: GD14
GENERATION: F1	SELECTION: F1c Parental Females		DISP: Euthanized Humane	HISTO: 11838

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	CERVIX	KIDNEYS
OVARIES	PITUITARY GLAND	SPLEEN	THYMUS
THYROID GLANDS	UTERUS	VAGINA	

OBSERVATIONS

LIVER	INFILTRATION	MONONUCLEAR CELL, MINIMAL
MAMMARY GLANDS [FIBROADENOMA TGLS = 1-10]	FIBROADENOMA	
THYROID GLANDS Tissue Note: ONE OF A PAIR PRESENT.		

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1658	TRT#: F1-3	DOSE: 15000 ppm	SEX: Female	REMOVAL DAY: LD21
GENERATION: F1	SELECTION: F1c Parental Females		DISP: Scheduled Removal (Terminal)	HISTO: 12113

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX

ADRENAL MEDULLA

THYMUS

OBSERVATIONS

LIVER

HEPATOCYTE, PERIPORTAL

HYPERTROPHY

MINIMAL

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1660	TRT#: F1-3	DOSE: 15000 ppm	SEX: Female	REMOVAL DAY: LD21
GENERATION: F1	SELECTION: F1c Parental Females		DISP: Scheduled Removal (Terminal)	HISTO: 12114

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX

ADRENAL MEDULLA

THYMUS

OBSERVATIONS

LIVER

HEPATOCYTE, PERIPORTAL

HYPERTROPHY

MINIMAL

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1662	TRT#: F1-3	DOSE: 15000 ppm	SEX: Female	REMOVAL DAY: LD21
GENERATION: F1	SELECTION: F1c Parental Females		DISP: Scheduled Removal (Terminal)	HISTO: 12031

TISSUE STATUS

No Visible Lesions

ADRENAL MEDULLA

LIVER

THYMUS

OBSERVATIONS

ADRENAL CORTEX

ZONA GLOMERULOSA, BILATERAL

VACUOLIZATION CYTOPLASMIC

MINIMAL

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1664	TRT#: F1-3	DOSE: 15000 ppm	SEX: Female	REMOVAL DAY: LD21
GENERATION: F1	SELECTION: F1c Parental Females		DISP: Scheduled Removal (Terminal)	HISTO: 12032

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX

ADRENAL MEDULLA

THYMUS

OBSERVATIONS

LIVER

INFILTRATION

MONONUCLEAR CELL, MINIMAL

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1672	TRT#: F1-3	DOSE: 15000 ppm	SEX: Female	REMOVAL DAY: LD21
GENERATION: F1	SELECTION: F1c Parental Females		DISP: Scheduled Removal (Terminal)	HISTO: 12036

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX

ADRENAL MEDULLA

THYMUS

OBSERVATIONS

LIVER

HEPATOCYTE, PERIPORTAL

HYPERTROPHY

MINIMAL

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1674	TRT#: F1-3	DOSE: 15000 ppm	SEX: Female	REMOVAL DAY: LD21
GENERATION: F1	SELECTION: F1c Parental Females		DISP: Scheduled Removal (Terminal)	HISTO: 12089

TISSUE STATUS

No Visible Lesions

ADRENAL MEDULLA	THYMUS
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OBSERVATIONS

ADRENAL CORTEX	ZONA GLOMERULOSA, BILATERAL	VACUOLIZATION CYTOPLASMIC	MINIMAL
LIVER	HEPATOCTE, PERIportal	HYPERTROPHY	MINIMAL

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1676	TRT#: F1-3	DOSE: 15000 ppm	SEX: Female	REMOVAL DAY: LD21
GENERATION: F1	SELECTION: F1c Parental Females		DISP: Scheduled Removal (Terminal)	HISTO: 12090

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX

ADRENAL MEDULLA

THYMUS

OBSERVATIONS

LIVER

HEPATOCYTE, PERIportal

HYPERTROPHY

MINIMAL

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1678	TRT#: F1-3	DOSE: 15000 ppm	SEX: Female	REMOVAL DAY: LD21
GENERATION: F1	SELECTION: F1c Parental Females		DISP: Scheduled Removal (Terminal)	HISTO: 12096

TISSUE STATUS

No Visible Lesions

ADRENAL MEDULLA	THYMUS
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OBSERVATIONS

ADRENAL CORTEX	UNILATERAL	HYPERTROPHY	FOCAL, MINIMAL
LIVER	BILE DUCT	HYPERPLASIA	MINIMAL
	HEPATOCTE, PERIPORTAL	HYPERTROPHY	MINIMAL

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1680	TRT#: F1-3	DOSE: 15000 ppm	SEX: Female	REMOVAL DAY: LD21
GENERATION: F1	SELECTION: F1c Parental Females		DISP: Scheduled Removal (Terminal)	HISTO: 12097

TISSUE STATUS

No Visible Lesions

ADRENAL MEDULLA	THYMUS
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OBSERVATIONS

ADRENAL CORTEX	ZONA GLOMERULOSA, BILATERAL	VACUOLIZATION CYTOPLASMIC	MINIMAL
LIVER	HEPATOCTE, PERIportal	HYPERTROPHY	MINIMAL

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1682	TRT#: F1-3	DOSE: 15000 ppm	SEX: Female	REMOVAL DAY: PND118
GENERATION: F1	SELECTION: F1c Parental Females		DISP: Found Dead	HISTO: 12192

TISSUE STATUS

No Visible Lesions

ADRENAL MEDULLA
 VAGINA

PITUITARY GLAND

THYMUS

THYROID GLANDS

OBSERVATIONS

ADRENAL CORTEX

BILATERAL
 BILATERAL

DEGENERATION
 HYPERPLASIA

MILD
 DIFFUSE, MILD

[HYPERPLASIA TGLS = 1-1]

CERVIX
 KIDNEYS

CORTICOMEDULLARY JUNCTION
 BILATERAL

POLYARTERITIS
 CHRONIC PROGRESSIVE NEPHROPATHY
 MINERAL
 POLYARTERITIS

NODOSA, MILD
 MODERATE
 FOCAL, MILD
 NODOSA, MINIMAL

[POLYARTERITIS TGLS = 2-2]

LIVER
 MAMMARY GLANDS
 MESENTERY

POLYARTERITIS
 POLYARTERITIS
 POLYARTERITIS

NODOSA, MINIMAL
 NODOSA, MINIMAL
 NODOSA, MARKED

[POLYARTERITIS TGLS = 3-12]

OVARIES
 [POLYARTERITIS TGLS = 4-8,4-9,5-8,5-9]

BILATERAL

POLYARTERITIS

NODOSA, MILD

PANCREAS
 [NO MICROSCOPIC CORRELATION TGLS = 6-11]

NO MICROSCOPIC CORRELATION

SPLEEN
 [ACCESSORY SPLEEN TGLS = 7-13]

ACCESSORY SPLEEN

UTERUS

POLYARTERITIS

NODOSA, MILD

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1684	TRT#: F1-3	DOSE: 15000 ppm	SEX: Female	REMOVAL DAY: PND101
GENERATION: F1	SELECTION: F1c Parental Females		DISP: Euthanized Moribund	HISTO: 12193

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	LYMPH NODE	PITUITARY GLAND
THYMUS	THYROID GLANDS		

MISSING

MAMMARY GLANDS

OBSERVATIONS

CERVIX		POLYARTERITIS	NODOSA, MODERATE
KIDNEYS		CHRONIC PROGRESSIVE NEPHROPATHY	MARKED
	BILATERAL	POLYARTERITIS	NODOSA, MODERATE
LIVER		INFILTRATION	MONONUCLEAR CELL, MINIMAL
MESENTERY		POLYARTERITIS	NODOSA, MARKED
	[POLYARTERITIS TGLS = 1-1,2-1,3-11,4-12]		
OVARIES	BILATERAL	POLYARTERITIS	NODOSA, MILD
SPLEEN		EXTRAMEDULLARY HEMATOPOIESIS	INCREASED, MILD
	[EXTRAMEDULLARY HEMATOPOIESIS TGLS = 5-3]		
UTERUS		POLYARTERITIS	NODOSA, MILD
VAGINA		POLYARTERITIS	NODOSA, MINIMAL

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1692	TRT#: F1-3	DOSE: 15000 ppm	SEX: Female	REMOVAL DAY: LD21
GENERATION: F1	SELECTION: F1c Parental Females		DISP: Scheduled Removal (Terminal)	HISTO: 12198

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX

ADRENAL MEDULLA

THYMUS

OBSERVATIONS

CLITORAL GLANDS

UNILATERAL

INFLAMMATION, CHRONIC, ACTIVE

MILD

[INFLAMMATION, CHRONIC, ACTIVE TGLS = 1-11,-2-11]

LIVER

HEPATOCYTE, PERIportal

HYPERTROPHY

MINIMAL

INFILTRATION

MONONUCLEAR CELL, MINIMAL

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1694	TRT#: F1-3	DOSE: 15000 ppm	SEX: Female	REMOVAL DAY: LD21
GENERATION: F1	SELECTION: F1c Parental Females		DISP: Scheduled Removal (Terminal)	HISTO: 12180

TISSUE STATUS

No Visible Lesions

ADRENAL MEDULLA	THYMUS
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OBSERVATIONS

ADRENAL CORTEX	ZONA GLOMERULOSA, BILATERAL	VACUOLIZATION CYTOPLASMIC	MINIMAL
LIVER	HEPATOCYTE, PERIportal	HYPERTROPHY	MINIMAL

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1696	TRT#: F1-3	DOSE: 15000 ppm	SEX: Female	REMOVAL DAY: LD21
GENERATION: F1	SELECTION: F1c Parental Females		DISP: Scheduled Removal (Terminal)	HISTO: 12181

TISSUE STATUS

No Visible Lesions

ADRENAL MEDULLA

OBSERVATIONS

ADRENAL CORTEX	ZONA GLOMERULOSA, BILATERAL	VACUOLIZATION CYTOPLASMIC	MINIMAL
LIVER	HEPATOCTE, PERIportal	HYPERTROPHY	MILD
THYMUS		ATROPHY	MINIMAL

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1704	TRT#: F1-3	DOSE: 15000 ppm	SEX: Female	REMOVAL DAY: PND233
GENERATION: F1	SELECTION: F1c Parental Females		DISP: Scheduled Removal (Terminal)	HISTO: 12208

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX

ADRENAL MEDULLA

THYMUS

OBSERVATIONS

LIVER

HEPATOCYTE, PERIportal

HYPERTROPHY

MINIMAL

INFILTRATION

MONONUCLEAR CELL, MINIMAL

UTERUS

NO MICROSCOPIC CORRELATION

[NO MICROSCOPIC CORRELATION TGLS = 1-6,1-7]

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1706	TRT#: F1-3	DOSE: 15000 ppm	SEX: Female	REMOVAL DAY: LD21
GENERATION: F1	SELECTION: F1c Parental Females		DISP: Scheduled Removal (Terminal)	HISTO: 12209

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX

ADRENAL MEDULLA

THYMUS

OBSERVATIONS

LIVER

HEPATOCYTE, PERIportal

HYPERTROPHY
INFILTRATION

MINIMAL
MONONUCLEAR CELL, MINIMAL

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1716	TRT#: F1-3	DOSE: 15000 ppm	SEX: Female	REMOVAL DAY: GD12
GENERATION: F1	SELECTION: F1c Parental Females		DISP: Euthanized Moribund	HISTO: 12481

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	BRAIN	CERVIX
LIVER	OVARIES	PITUITARY GLAND	SPLEEN
THYMUS	THYROID GLANDS	UTERUS	VAGINA

OBSERVATIONS

KIDNEYS	CHRONIC PROGRESSIVE NEPHROPATHY	MILD
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Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1718	TRT#: F1-3	DOSE: 15000 ppm	SEX: Female	REMOVAL DAY: LD21
GENERATION: F1	SELECTION: F1c Parental Females		DISP: Scheduled Removal (Terminal)	HISTO: 12482

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX

ADRENAL MEDULLA

THYMUS

OBSERVATIONS

KIDNEYS

CHRONIC PROGRESSIVE NEPHROPATHY

MODERATE

PELVIS

DILATION

MILD

CORTICOMEDULLARY JUNCTION

MINERAL

FOCAL, MINIMAL

[DILATION TGLS = 1-2,2-2]

LIVER

HEPATOCYTE, PERIportal

HYPERTROPHY

MINIMAL

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1728	TRT#: F1-3	DOSE: 15000 ppm	SEX: Female	REMOVAL DAY: PND232
GENERATION: F1	SELECTION: F1c Parental Females		DISP: Scheduled Removal (Terminal)	HISTO: 12369

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX

ADRENAL MEDULLA

THYMUS

OBSERVATIONS

LIVER

INFILTRATION

MONONUCLEAR CELL, MINIMAL

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1730	TRT#: F1-3	DOSE: 15000 ppm	SEX: Female	REMOVAL DAY: LD21
GENERATION: F1	SELECTION: F1c Parental Females		DISP: Scheduled Removal (Terminal)	HISTO: 12370

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX

ADRENAL MEDULLA

THYMUS

OBSERVATIONS

LIVER

HEPATOCYTE, PERIportal

HYPERTROPHY

MINIMAL

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1736	TRT#: F1-3	DOSE: 15000 ppm	SEX: Female	REMOVAL DAY: LD21
GENERATION: F1	SELECTION: F1c Parental Females		DISP: Scheduled Removal (Terminal)	HISTO: 12381

TISSUE STATUS

No Visible Lesions

ADRENAL MEDULLA	THYMUS
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OBSERVATIONS

ADRENAL CORTEX	ZONA GLOMERULOSA, BILATERAL	VACUOLIZATION CYTOPLASMIC	MINIMAL
LIVER	HEPATOCTE, PERIportal	HYPERTROPHY	MINIMAL

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1738	TRT#: F1-3	DOSE: 15000 ppm	SEX: Female	REMOVAL DAY: PND232
GENERATION: F1	SELECTION: F1c Parental Females		DISP: Scheduled Removal (Terminal)	HISTO: 12382

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX

ADRENAL MEDULLA

THYMUS

OBSERVATIONS

LIVER

INFILTRATION

MONONUCLEAR CELL, MINIMAL

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1746	TRT#: F1-3	DOSE: 15000 ppm	SEX: Female	REMOVAL DAY: LD21
GENERATION: F1	SELECTION: F1c Parental Females		DISP: Scheduled Removal (Terminal)	HISTO: 12413

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX

ADRENAL MEDULLA

THYMUS

OBSERVATIONS

LIVER

HEPATOCYTE, PERIPORTAL

HYPERTROPHY

MINIMAL

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1748	TRT#: F1-3	DOSE: 15000 ppm	SEX: Female	REMOVAL DAY: LD21
GENERATION: F1	SELECTION: F1c Parental Females		DISP: Scheduled Removal (Terminal)	HISTO: 12414

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX

ADRENAL MEDULLA

THYMUS

OBSERVATIONS

LIVER

HEPATOCYTE, PERIportal

HYPERTROPHY

MINIMAL

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1762	TRT#: F1-3	DOSE: 15000 ppm	SEX: Female	REMOVAL DAY: LD21
GENERATION: F1	SELECTION: F1c Parental Females		DISP: Scheduled Removal (Terminal)	HISTO: 12421

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX

ADRENAL MEDULLA

THYMUS

OBSERVATIONS

LIVER

HEPATOCYTE, PERIPORTAL

HYPERTROPHY

MILD

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1764	TRT#: F1-3	DOSE: 15000 ppm	SEX: Female	REMOVAL DAY: LD21
GENERATION: F1	SELECTION: F1c Parental Females		DISP: Scheduled Removal (Terminal)	HISTO: 12392

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX

ADRENAL MEDULLA

THYMUS

OBSERVATIONS

LIVER

HEPATOCYTE, PERIPORTAL

HYPERTROPHY

MINIMAL

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1766	TRT#: F1-3	DOSE: 15000 ppm	SEX: Female	REMOVAL DAY: LD21
GENERATION: F1	SELECTION: F1c Parental Females		DISP: Scheduled Removal (Terminal)	HISTO: 12393

TISSUE STATUS

No Visible Lesions

ADRENAL MEDULLA

OBSERVATIONS

ADRENAL CORTEX	ZONA GLOMERULOSA, BILATERAL	VACUOLIZATION CYTOPLASMIC	MINIMAL
LIVER	HEPATOCTE, PERIportal	HYPERTROPHY	MINIMAL
THYMUS		ATROPHY	MINIMAL

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1972	TRT#: F1-4	DOSE: 40000 ppm	SEX: Female	REMOVAL DAY: LD21
GENERATION: F1	SELECTION: F1c Parental Females		DISP: Scheduled Removal (Terminal)	HISTO: 12320

TISSUE STATUS

No Visible Lesions

ADRENAL MEDULLA	CERVIX	KIDNEYS	MAMMARY GLANDS
OVARIES	PITUITARY GLAND	SPLEEN	THYROID GLANDS
UTERUS	VAGINA		

OBSERVATIONS

ADRENAL CORTEX	ZONA GLOMERULOSA, BILATERAL	VACUOLIZATION CYTOPLASMIC	MINIMAL
LIVER	HEPATOCYTE, PERIportal	CLEAR CELL FOCUS	
	HEPATOCYTE	HYPERTROPHY	MINIMAL
		INCLUSION	CYTOPLASMIC, MINIMAL
THYMUS		ATROPHY	MINIMAL

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1974	TRT#: F1-4	DOSE: 40000 ppm	SEX: Female	REMOVAL DAY: LD21
GENERATION: F1	SELECTION: F1c Parental Females		DISP: Scheduled Removal (Terminal)	HISTO: 12321

TISSUE STATUS

No Visible Lesions

ADRENAL MEDULLA	CERVIX	KIDNEYS	MAMMARY GLANDS
OVARIES	PITUITARY GLAND	SPLEEN	THYMUS
THYROID GLANDS	UTERUS	VAGINA	

OBSERVATIONS

ADRENAL CORTEX	ZONA GLOMERULOSA, BILATERAL	VACUOLIZATION CYTOPLASMIC	MINIMAL
LIVER	HEPATOCTYE, PERIPORTAL	HYPERTROPHY	MINIMAL

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1976	TRT#: F1-4	DOSE: 40000 ppm	SEX: Female	REMOVAL DAY: LD21
GENERATION: F1	SELECTION: F1c Parental Females		DISP: Scheduled Removal (Terminal)	HISTO: 12322

TISSUE STATUS

No Visible Lesions

ADRENAL MEDULLA
PITUITARY GLAND
VAGINA

CERVIX
SPLEEN

MAMMARY GLANDS
THYROID GLANDS

OVARIES
UTERUS

OBSERVATIONS

ADRENAL CORTEX
KIDNEYS
LIVER

ZONA GLOMERULOSA, BILATERAL

BILE DUCT
HEPATOCTYE, PERIportal
HEPATOCTYE

VACUOLIZATION CYTOPLASMIC
INFLAMMATION, CHRONIC
HYPERPLASIA
HYPERTROPHY
INCLUSION
EDEMA

MINIMAL
INTERSTITIAL, MINIMAL
MINIMAL
MILD
CYTOPLASMIC, MINIMAL
SUBCUTANEOUS, MILD

SKIN

[EDEMA TGLS = 1-11]

THYMUS

ATROPHY

MINIMAL

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1978	TRT#: F1-4	DOSE: 40000 ppm	SEX: Female	REMOVAL DAY: LD21
GENERATION: F1	SELECTION: F1c Parental Females		DISP: Scheduled Removal (Terminal)	HISTO: 12327

TISSUE STATUS

No Visible Lesions

ADRENAL MEDULLA	CERVIX	MAMMARY GLANDS	OVARIES
PITUITARY GLAND	SPLEEN	THYROID GLANDS	UTERUS
VAGINA			

OBSERVATIONS

ADRENAL CORTEX	ZONA GLOMERULOSA, BILATERAL	VACUOLIZATION CYTOPLASMIC	MINIMAL
KIDNEYS		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER	HEPATOCTYE	APOPTOSIS	MINIMAL
	BILE DUCT	HYPERPLASIA	MINIMAL
	HEPATOCTYE, PERIportal	HYPERTROPHY	MILD
	HEPATOCTYE	INCLUSION	CYTOPLASMIC, MINIMAL
	HEPATOCTYE	VACUOLIZATION	CYTOPLASMIC, MINIMAL
THYMUS		ATROPHY	MINIMAL

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1980	TRT#: F1-4	DOSE: 40000 ppm	SEX: Female	REMOVAL DAY: LD21
GENERATION: F1	SELECTION: F1c Parental Females		DISP: Scheduled Removal (Terminal)	HISTO: 12328

TISSUE STATUS

No Visible Lesions

ADRENAL MEDULLA	CERVIX	KIDNEYS	MAMMARY GLANDS
OVARIES	PITUITARY GLAND	SPLEEN	THYROID GLANDS
UTERUS	VAGINA		

OBSERVATIONS

ADRENAL CORTEX	ZONA GLOMERULOSA, BILATERAL	VACUOLIZATION CYTOPLASMIC	MINIMAL
LIVER	HEPATOCYTE, PERIportal	HYPERTROPHY	MILD
	HEPATOCYTE	INCLUSION	CYTOPLASMIC, MINIMAL
	HEPATOCYTE	VACUOLIZATION	CYTOPLASMIC, MINIMAL
THYMUS		ATROPHY	MINIMAL

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1982	TRT#: F1-4	DOSE: 40000 ppm	SEX: Female	REMOVAL DAY: LD21
GENERATION: F1	SELECTION: F1c Parental Females		DISP: Scheduled Removal (Terminal)	HISTO: 12329

TISSUE STATUS

No Visible Lesions

ADRENAL MEDULLA	CERVIX	MAMMARY GLANDS	OVARIES
PITUITARY GLAND	SPLEEN	THYMUS	THYROID GLANDS
UTERUS	VAGINA		

OBSERVATIONS

ADRENAL CORTEX	ZONA GLOMERULOSA, BILATERAL	VACUOLIZATION CYTOPLASMIC	MINIMAL
KIDNEYS	MEDULLA	CYST	MINIMAL
LIVER	HEPATOCYTE, PERIportal	CLEAR CELL FOCUS	
	HEPATOCYTE	HYPERTROPHY	MINIMAL
		INCLUSION	CYTOPLASMIC, MINIMAL

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1984	TRT#: F1-4	DOSE: 40000 ppm	SEX: Female	REMOVAL DAY: LD21
GENERATION: F1	SELECTION: F1c Parental Females		DISP: Scheduled Removal (Terminal)	HISTO: 12330

TISSUE STATUS

No Visible Lesions

ADRENAL MEDULLA	CERVIX	KIDNEYS	MAMMARY GLANDS
OVARIES	PITUITARY GLAND	SPLEEN	THYROID GLANDS
UTERUS	VAGINA		

OBSERVATIONS

ADRENAL CORTEX	ZONA GLOMERULOSA, BILATERAL	VACUOLIZATION CYTOPLASMIC	MINIMAL
LIVER	HEPATOCYTE, PERIportal	HYPERTROPHY	MILD
	HEPATOCYTE	INCLUSION	CYTOPLASMIC, MINIMAL
THYMUS		ATROPHY	MINIMAL

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1986	TRT#: F1-4	DOSE: 40000 ppm	SEX: Female	REMOVAL DAY: PND233
GENERATION: F1	SELECTION: F1c Parental Females		DISP: Scheduled Removal (Terminal)	HISTO: 12231

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	CERVIX	MAMMARY GLANDS
OVARIES	PITUITARY GLAND	SPLEEN	THYMUS
THYROID GLANDS	UTERUS	VAGINA	

OBSERVATIONS

CLITORAL GLANDS		NO MICROSCOPIC CORRELATION	
[NO MICROSCOPIC CORRELATION TGLS = 1-11,2-11]			
KIDNEYS		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER	HEPATOCYTE, PERIportal	HYPERTROPHY	MINIMAL
		INFILTRATION	MONONUCLEAR CELL, MINIMAL

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1988	TRT#: F1-4	DOSE: 40000 ppm	SEX: Female	REMOVAL DAY: LD21
GENERATION: F1	SELECTION: F1c Parental Females		DISP: Scheduled Removal (Terminal)	HISTO: 12232

TISSUE STATUS

No Visible Lesions

ADRENAL MEDULLA	CERVIX	KIDNEYS	MAMMARY GLANDS
OVARIES	PITUITARY GLAND	SPLEEN	THYMUS
THYROID GLANDS	UTERUS	VAGINA	

OBSERVATIONS

ADRENAL CORTEX	ZONA GLOMERULOSA, BILATERAL	VACUOLIZATION CYTOPLASMIC	MINIMAL
LIVER	HEPATOCTYE, PERIportal	HYPERTROPHY	MILD
	HEPATOCTYE	INCLUSION	CYTOPLASMIC, MINIMAL

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1990	TRT#: F1-4	DOSE: 40000 ppm	SEX: Female	REMOVAL DAY: LD21
GENERATION: F1	SELECTION: F1c Parental Females		DISP: Scheduled Removal (Terminal)	HISTO: 12233

TISSUE STATUS

No Visible Lesions

ADRENAL MEDULLA	CERVIX	KIDNEYS	MAMMARY GLANDS
OVARIES	PITUITARY GLAND	SPLEEN	THYROID GLANDS
UTERUS	VAGINA		

OBSERVATIONS

ADRENAL CORTEX	ZONA GLOMERULOSA, BILATERAL	VACUOLIZATION CYTOPLASMIC	MINIMAL
LIVER	BILE DUCT	HYPERPLASIA	MINIMAL
	HEPATOCYTE, PERIportal	HYPERTROPHY	MINIMAL
	HEPATOCYTE	INCLUSION	CYTOPLASMIC, MINIMAL
THYMUS		ATROPHY	MINIMAL
		CYST	

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1992	TRT#: F1-4	DOSE: 40000 ppm	SEX: Female	REMOVAL DAY: LD21
GENERATION: F1	SELECTION: F1c Parental Females		DISP: Scheduled Removal (Terminal)	HISTO: 12234

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	CERVIX	KIDNEYS
MAMMARY GLANDS	OVARIES	PITUITARY GLAND	SPLEEN
THYMUS	THYROID GLANDS	UTERUS	VAGINA

OBSERVATIONS

LIVER	HEPATOCYTE, PERIportal	HYPERTROPHY	MINIMAL
	HEPATOCYTE	INCLUSION	CYTOPLASMIC, MINIMAL

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1994	TRT#: F1-4	DOSE: 40000 ppm	SEX: Female	REMOVAL DAY: LD21
GENERATION: F1	SELECTION: F1c Parental Females		DISP: Scheduled Removal (Terminal)	HISTO: 12222

TISSUE STATUS

No Visible Lesions

ADRENAL MEDULLA	CERVIX	MAMMARY GLANDS	OVARIES
PITUITARY GLAND	SPLEEN	THYMUS	THYROID GLANDS
UTERUS	VAGINA		

OBSERVATIONS

ADRENAL CORTEX	ZONA GLOMERULOSA, BILATERAL	VACUOLIZATION CYTOPLASMIC	MINIMAL
KIDNEYS		INFLAMMATION, CHRONIC	INTERSTITIAL, MINIMAL
LIVER	HEPATOCYTE, PERIportal	HYPERTROPHY	MINIMAL
	HEPATOCYTE	INCLUSION	CYTOPLASMIC, MINIMAL

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1996	TRT#: F1-4	DOSE: 40000 ppm	SEX: Female	REMOVAL DAY: LD21
GENERATION: F1	SELECTION: F1c Parental Females		DISP: Scheduled Removal (Terminal)	HISTO: 12223

TISSUE STATUS

No Visible Lesions

ADRENAL MEDULLA
PITUITARY GLAND
VAGINA

CERVIX
SPLEEN

MAMMARY GLANDS
THYROID GLANDS

OVARIES
UTERUS

OBSERVATIONS

ADRENAL CORTEX
KIDNEYS

ZONA GLOMERULOSA, BILATERAL

VACUOLIZATION CYTOPLASMIC
CHRONIC PROGRESSIVE NEPHROPATHY

MINIMAL

LIVER

CORTICOMEDULLARY JUNCTION
HEPATO CYTE, PERI PORTAL
HEPATO CYTE
HEPATO CYTE

MINERAL
HYPERTROPHY
INCLUSION
VACUOLIZATION
ATROPHY

MINIMAL
FOCAL, MINIMAL
MINIMAL
CYTOPLASMIC, MINIMAL
CYTOPLASMIC, MINIMAL
MINIMAL

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 1998	TRT#: F1-4	DOSE: 40000 ppm	SEX: Female	REMOVAL DAY: LD21
GENERATION: F1	SELECTION: F1c Parental Females		DISP: Scheduled Removal (Terminal)	HISTO: 12224

TISSUE STATUS

No Visible Lesions

ADRENAL MEDULLA
PITUITARY GLAND
VAGINA

CERVIX
SPLEEN

MAMMARY GLANDS
THYROID GLANDS

OVARIES
UTERUS

OBSERVATIONS

ADRENAL CORTEX
KIDNEYS
LIVER

THYMUS

ZONA GLOMERULOSA, BILATERAL
RENAL TUBULE, PAPILLA
BILE DUCT
HEPATOCYTE, PERIPORTAL

VACUOLIZATION CYTOPLASMIC
DILATION
HYPERPLASIA
HYPERTROPHY
ATROPHY

MINIMAL
MINIMAL
MINIMAL
MINIMAL
MINIMAL

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 2000	TRT#: F1-4	DOSE: 40000 ppm	SEX: Female	REMOVAL DAY: LD21
GENERATION: F1	SELECTION: F1c Parental Females		DISP: Scheduled Removal (Terminal)	HISTO: 12225

TISSUE STATUS

No Visible Lesions

ADRENAL MEDULLA	CERVIX	KIDNEYS	MAMMARY GLANDS
OVARIES	PITUITARY GLAND	SPLEEN	UTERUS
VAGINA			

MISSING

THYROID GLANDS

OBSERVATIONS

ADRENAL CORTEX	ZONA GLOMERULOSA, BILATERAL	VACUOLIZATION CYTOPLASMIC	MINIMAL
LIVER	HEPATOCTE	INCLUSION	CYTOPLASMIC, MINIMAL
THYMUS		ATROPHY	MINIMAL

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 2002	TRT#: F1-4	DOSE: 40000 ppm	SEX: Female	REMOVAL DAY: LD21
GENERATION: F1	SELECTION: F1c Parental Females		DISP: Scheduled Removal (Terminal)	HISTO: 12226

TISSUE STATUS

No Visible Lesions

ADRENAL MEDULLA	CERVIX	MAMMARY GLANDS	OVARIES
PITUITARY GLAND	SPLEEN	THYMUS	THYROID GLANDS
UTERUS	VAGINA		

OBSERVATIONS

ADRENAL CORTEX	ZONA GLOMERULOSA, BILATERAL	VACUOLIZATION CYTOPLASMIC	MINIMAL
KIDNEYS		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER	BILE DUCT	HYPERPLASIA	MINIMAL
	HEPATOCTE, PERIportal	HYPERTROPHY	MINIMAL
	HEPATOCTE	INCLUSION	CYTOPLASMIC, MINIMAL

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 2004	TRT#: F1-4	DOSE: 40000 ppm	SEX: Female	REMOVAL DAY: LD21
GENERATION: F1	SELECTION: F1c Parental Females		DISP: Scheduled Removal (Terminal)	HISTO: 12227

TISSUE STATUS

No Visible Lesions

ADRENAL MEDULLA	CERVIX	KIDNEYS	MAMMARY GLANDS
OVARIES	PITUITARY GLAND	SPLEEN	THYROID GLANDS
UTERUS	VAGINA		

OBSERVATIONS

ADRENAL CORTEX	ZONA GLOMERULOSA, BILATERAL	VACUOLIZATION CYTOPLASMIC	MINIMAL
LIVER	BILE DUCT	HYPERPLASIA	MINIMAL
	HEPATOCTYE, PERIportal	HYPERTROPHY	MINIMAL
	HEPATOCTYE	INCLUSION	CYTOPLASMIC, MINIMAL
THYMUS		ATROPHY	MINIMAL

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 2006	TRT#: F1-4	DOSE: 40000 ppm	SEX: Female	REMOVAL DAY: LD21
GENERATION: F1	SELECTION: F1c Parental Females		DISP: Scheduled Removal (Terminal)	HISTO: 12333

TISSUE STATUS

No Visible Lesions

ADRENAL MEDULLA	CERVIX	KIDNEYS	MAMMARY GLANDS
OVARIES	PITUITARY GLAND	SPLEEN	THYROID GLANDS
UTERUS	VAGINA		

OBSERVATIONS

ADRENAL CORTEX	ZONA GLOMERULOSA, BILATERAL	VACUOLIZATION CYTOPLASMIC	MINIMAL
LIVER	BILE DUCT	HYPERPLASIA	MINIMAL
	HEPATOCTE, PERIportal	HYPERTROPHY	MINIMAL
		INFILTRATION	MONONUCLEAR CELL, MINIMAL
	HEPATOCTE	VACUOLIZATION	CYTOPLASMIC, MINIMAL
THYMUS		ATROPHY	MINIMAL

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 2008	TRT#: F1-4	DOSE: 40000 ppm	SEX: Female	REMOVAL DAY: LD21
GENERATION: F1	SELECTION: F1c Parental Females		DISP: Scheduled Removal (Terminal)	HISTO: 12334

TISSUE STATUS

No Visible Lesions

ADRENAL MEDULLA	CERVIX	MAMMARY GLANDS	OVARIES
PITUITARY GLAND	SPLEEN	THYMUS	THYROID GLANDS
UTERUS	VAGINA		

OBSERVATIONS

ADRENAL CORTEX	ZONA GLOMERULOSA, BILATERAL	VACUOLIZATION CYTOPLASMIC	MINIMAL
KIDNEYS		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER	HEPATOCTE, PERIportal	HYPERTROPHY	MINIMAL
	HEPATOCTE	INCLUSION	CYTOPLASMIC, MINIMAL
	HEPATOCTE	VACUOLIZATION	CYTOPLASMIC, MINIMAL

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 2010	TRT#: F1-4	DOSE: 40000 ppm	SEX: Female	REMOVAL DAY: LD21
GENERATION: F1	SELECTION: F1c Parental Females		DISP: Scheduled Removal (Terminal)	HISTO: 12335

TISSUE STATUS

No Visible Lesions

ADRENAL MEDULLA	CERVIX	MAMMARY GLANDS	PITUITARY GLAND
SPLEEN	THYMUS	THYROID GLANDS	UTERUS
VAGINA			

OBSERVATIONS

ADRENAL CORTEX	ZONA GLOMERULOSA, BILATERAL	VACUOLIZATION CYTOPLASMIC	MINIMAL
KIDNEYS		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
	RENAL TUBULE, PAPILLA	DILATION	MINIMAL
	RENAL TUBULE	REST	MINIMAL
LIVER	HEPATOCTYE, PERIportal	HYPERTROPHY	MINIMAL
	HEPATOCTYE	INCLUSION	CYTOPLASMIC, MINIMAL
		INFILTRATION	MONONUCLEAR CELL, MINIMAL
OVARIES	CORPUS LUTEUM, UNILATERAL	CYST	
	FOLLICLE, UNILATERAL	CYST	

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 2012	TRT#: F1-4	DOSE: 40000 ppm	SEX: Female	REMOVAL DAY: LD21
GENERATION: F1	SELECTION: F1c Parental Females		DISP: Scheduled Removal (Terminal)	HISTO: 12336

TISSUE STATUS

No Visible Lesions

ADRENAL MEDULLA	CERVIX	MAMMARY GLANDS	OVARIES
PITUITARY GLAND	SPLEEN	THYROID GLANDS	UTERUS
VAGINA			

OBSERVATIONS

ADRENAL CORTEX	ZONA GLOMERULOSA, BILATERAL	VACUOLIZATION CYTOPLASMIC	MINIMAL
KIDNEYS		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER	BILE DUCT	HYPERPLASIA	MINIMAL
	HEPATOCYTE, PERIportal	HYPERTROPHY	MINIMAL
	HEPATOCYTE	INCLUSION	CYTOPLASMIC, MINIMAL
	HEPATOCYTE	VACUOLIZATION	CYTOPLASMIC, MINIMAL
THYMUS		ATROPHY	MINIMAL

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 2014	TRT#: F1-4	DOSE: 40000 ppm	SEX: Female	REMOVAL DAY: LD21
GENERATION: F1	SELECTION: F1c Parental Females		DISP: Scheduled Removal (Terminal)	HISTO: 12244

TISSUE STATUS

No Visible Lesions

ADRENAL MEDULLA	CERVIX	KIDNEYS	MAMMARY GLANDS
OVARIES	PITUITARY GLAND	SPLEEN	THYMUS
THYROID GLANDS	UTERUS	VAGINA	

OBSERVATIONS

ADRENAL CORTEX	ZONA GLOMERULOSA, BILATERAL	VACUOLIZATION CYTOPLASMIC	MINIMAL
LIVER	HEPATOCTE, PERIportal	HYPERTROPHY	MINIMAL
	HEPATOCTE	INCLUSION	CYTOPLASMIC, MINIMAL

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 2016	TRT#: F1-4	DOSE: 40000 ppm	SEX: Female	REMOVAL DAY: LD21
GENERATION: F1	SELECTION: F1c Parental Females		DISP: Scheduled Removal (Terminal)	HISTO: 12245

TISSUE STATUS

No Visible Lesions

ADRENAL MEDULLA	CERVIX	KIDNEYS	MAMMARY GLANDS
OVARIES	PITUITARY GLAND	SPLEEN	THYMUS
THYROID GLANDS	UTERUS	VAGINA	

OBSERVATIONS

ADRENAL CORTEX	ZONA GLOMERULOSA, BILATERAL	VACUOLIZATION CYTOPLASMIC	MINIMAL
LIVER	BILE DUCT	HYPERPLASIA	MINIMAL
	HEPATOCTE, PERIportal	HYPERTROPHY	MINIMAL
	HEPATOCTE	INCLUSION	CYTOPLASMIC, MINIMAL

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 2020	TRT#: F1-4	DOSE: 40000 ppm	SEX: Female	REMOVAL DAY: PND232
GENERATION: F1	SELECTION: F1c Parental Females		DISP: Scheduled Removal (Terminal)	HISTO: 12452

TISSUE STATUS

No Visible Lesions

ADRENAL CORTEX	ADRENAL MEDULLA	CERVIX	MAMMARY GLANDS
OVARIES	PITUITARY GLAND	SPLEEN	THYMUS
THYROID GLANDS	VAGINA		

OBSERVATIONS

KIDNEYS		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
	CORTICOMEDULLARY JUNCTION	MINERAL	FOCAL, MINIMAL
LIVER	BILE DUCT	HYPERPLASIA	MINIMAL
		INFILTRATION	MONONUCLEAR CELL, MINIMAL
UTERUS		DILATION	MINIMAL

[DILATION TGLS = 1-6,1-7]

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 2022	TRT#: F1-4	DOSE: 40000 ppm	SEX: Female	REMOVAL DAY: LD21
GENERATION: F1	SELECTION: F1c Parental Females		DISP: Scheduled Removal (Terminal)	HISTO: 12453

TISSUE STATUS

No Visible Lesions

ADRENAL MEDULLA	CERVIX	KIDNEYS	MAMMARY GLANDS
OVARIES	PITUITARY GLAND	SPLEEN	THYMUS
THYROID GLANDS	UTERUS	VAGINA	

OBSERVATIONS

ADRENAL CORTEX	ZONA GLOMERULOSA, BILATERAL	VACUOLIZATION CYTOPLASMIC	MINIMAL
CLITORAL GLANDS	DUCT, BILATERAL	ECTASIA	MODERATE
[ECTASIA TGLS = 1-11,2-11]			
LIVER	BILE DUCT	HYPERPLASIA	MINIMAL
	HEPATOCTYE, PERIportal	HYPERTROPHY	MINIMAL
	HEPATOCTYE	INCLUSION	CYTOPLASMIC, MINIMAL

THYMUS

Tissue Note: ONE OF A PAIR PRESENT.

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

ANIMAL ID: 2024	TRT#: F1-4	DOSE: 40000 ppm	SEX: Female	REMOVAL DAY: LD21
GENERATION: F1	SELECTION: F1c Parental Females		DISP: Scheduled Removal (Terminal)	HISTO: 12531

TISSUE STATUS

No Visible Lesions

ADRENAL MEDULLA	CERVIX	KIDNEYS	MAMMARY GLANDS
PITUITARY GLAND	SPLEEN	THYROID GLANDS	UTERUS
VAGINA			

OBSERVATIONS

ADRENAL CORTEX	ZONA GLOMERULOSA, BILATERAL	VACUOLIZATION CYTOPLASMIC	MINIMAL
LIVER	HEPATOCTE, PERIportal	HYPERTROPHY	MINIMAL
	HEPATOCTE	INCLUSION	CYTOPLASMIC, MINIMAL
OVARIES	FOLLICLE, UNILATERAL	CYST	
THYMUS		ATROPHY	MINIMAL

Study Number: R88007B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA14: Individual Animal Pathology Data
Test Compound: Butyl Paraben
CAS Number: 94-26-8

Date Report Requested: 11/20/2018
Time Report Requested: 07:26:02
Lab: RTI

LEGEND

SD – Study Phase; GD – Gestation Phase; LD – Lactation Phase; PND – Postnatal Phase, adults post-weaning

**** END OF REPORT ****