

**Study Number:** C10188-02  
**Test Type:** TOX  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Harlan Sprague Dawley

**PA48: Summary of Tissue Concentration**  
**Test Compound:** Di(2-Ethylhexyl) Phthalate  
**CAS Number:** 117-81-7

**Date Report Requested:** 09/18/2019  
**Time Report Requested:** 12:14:05  
**Lab:** NTP

**C Number:**

C10188-02

**Study Gender:**

Both

**PWG Approval Date**

See web page for date of PWG Approval

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		<b>F0 Female</b>			
<b>Phase</b>	<b>Dose (ppm)</b>	<b>0</b>	<b>300</b>	<b>1000</b>	<b>3000</b>
GD 18	Mono(2-ethylhexyl) Phthalate Concentration in Dam Plasma (ng/ml)	BD	630.2 ± 84.7 (5)	2000.0 ± 156.9 (5)	8950.0 ± 768.4 (4)
GD 18	Mono(2-ethylhexyl) Phthalate Concentration in Amniotic Fluid (ng/ml)	45.6 ± 2.0 (5) **	73.4 ± 2.7 (5) **	123.0 ± 6.2 (5) **	456.8 ± 10.6 (4) **
GD 18	Mono(2-ethylhexyl) Phthalate Concentration in Fetuses (ng/g)	53.2 ± 7.7 (5) **	178.8 ± 22.2 (5) **	383.4 ± 18.8 (5) **	1580.0 ± 105.4 (4) **

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**F0 Female**

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<b>Phase</b>	<b>Dose (ppm)</b>	<b>10000</b>
GD 18	Mono(2-ethylhexyl) Phthalate Concentration in Dam Plasma (ng/ml)	39800.0 ± 4192.9 (4)
GD 18	Mono(2-ethylhexyl) Phthalate Concentration in Amniotic Fluid (ng/ml)	1685.0 ± 156.0 (4) **
GD 18	Mono(2-ethylhexyl) Phthalate Concentration in Fetuses (ng/g)	8295.0 ± 813.3 (4) **

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## LEGEND

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Data are displayed as mean  $\pm$  SEM (N) unless otherwise noted.

GD - Gestation Day

If over 20% of the animals in a group are above the limit of detection, then 1/2 the limit of detection value is substituted for values that are below the limit of detection.

When the control group did not have over 20% of its values above the limit of detection, no mean or standard error were calculated; no statistical analysis was done for the endpoint.

Statistical analysis performed by Jonckheere (trend) and Shirley or Dunn (pairwise) tests.

Statistical significance for the control group indicates a significant trend test

Statistical significance for a treatment group indicates a significant pairwise test compared to the vehicle control group

\* Statistically significant at  $P \leq 0.05$

\*\* Statistically significant at  $P \leq 0.01$

**\*\* END OF REPORT \*\***