



NMS Labs

CONFIDENTIAL

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Robert A. Middleberg, PhD, F-ABFT, DABCC-TC, Laboratory Director

Demo Report

Report Issued 10/18/2018 13:01
Last Report Issued 04/02/2014 08:33

88888
Clinical Example Report
Attn: IT Department
200 Welsh Road
Horsham, PA 19044-2208

Patient Name 3099U-POS
Patient ID 3099U-POS
Chain 14000569
Age Not Given DOB Not Given
Gender Not Given
Workorder 14000569
Received 03/19/2014 13:43

Sample ID 14000569-001
Matrix Urine
Patient Name 3099U-POS
Patient ID 3099U-POS
Container Type Clear vial

Collect Dt/Tm Not Given
Source Not Given

Approx Vol/Weight Not Given

Receipt Notes None Entered

Table with 5 columns: Analysis and Comments, Result, Units, Reporting Limit, Notes

3099U Phthalates Panel, Urine

Analysis by Colorimetry (C)

Creatinine None Detected mg/L 100
Comment: Creatinine value is not consistent with those found in normal human urine.

U.S. Population (10th - 90th percentiles, median)
All participants: 335 - 2370 mg/L, median 1180 (n=22,245)
Males: 495 - 2540 mg/L, median 1370 (n=10,610)
Females: 273 - 2170 mg/L, median 994 (n=11,635)

Analysis by High Performance Liquid Chromatography/ Tandem Mass Spectrometry (LC-MS/MS)

Mono-(2-ethyl-5-hydroxylhexyl) phthalate 50 ng/mL 20
Synonym(s): MEHHP

Results for sample 14000569-001 are continued on next page



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Sample ID 14000569-001
Matrix Urine
Patient Name 3099U-POS
Patient ID 3099U-POS

Collect Dt/Tm Not Given
Source Not Given

Table with 5 columns: Analysis and Comments, Result, Units, Reporting Limit, Notes. Contains two rows of data for phthalate analysis with detailed comments and clinical context.

Results for sample 14000569-001 are continued on next page



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Sample ID 14000569-001
Matrix Urine
Patient Name 3099U-POS
Patient ID 3099U-POS

Collect Dt/Tm Not Given
Source Not Given

Analysis and Comments	Result	Units	Reporting Limit	Notes
<p>Average creatinine corrected urine MEHP concentrations are [geometric mean (95% confidence interval)]: Total, age 6 years and older: 32.8 (25.2 - 42.9) mcg/g creatinine 6 to 11 years: 31.2 (24.3 - 40.7) mcg/g creatinine 12 to 19 years: 25.2 (17.7 - 32.8) mcg/g creatinine 20 years and older: 33.3 (23.1 - 47.9) mcg/g creatinine MEHP concentration in critically ill neonates (not creatinine corrected): 15 +/- 7.6 ng/mL.</p>				
<p>Mono-(2-ethyl-5-oxohexyl) phthalate Synonym(s): MEOHP</p> <p>Di-2-ethylhexyl phthalate (DEHP) is used to produce flexible plastics used in home and garden products, toys, medical devices, food storage packaging, paints and adhesives. Food and ingestion of dust are the primary routes of exposure for adults and children. Exposure to DEHP can be monitored by measuring MEOHP. The general population is exposed to levels well below the lowest adverse effect levels in rats, however people undergoing extensive medical procedures, especially infants, may be exposed to much higher levels.</p>	50	ng/mL	16	
<p>Mono-(2-ethyl-5-oxohexyl) phthalate (Creatinine correction) Comment: Unable to calculate due to an atypical creatinine result.</p> <p>Average creatinine corrected urine MEOHP concentrations are [geometric mean (95% confidence interval)]: Total, age 6 years and older: 87.5 (69.0 - 124) mcg/g creatinine 6 to 11 years: 130 (83.0 - 187) mcg/g creatinine 12 to 19 years: 70.5 (55.0 - 97.2) mcg/g creatinine 20 years and older: 84.3 (53.1 - 134) mcg/g creatinine MEOHP concentration in critically ill neonates (not creatinine corrected): 120 +/- 9.2 ng/mL.</p>	Indeterminate	mcg/g Creat		
<p>Mono-n-butyl phthalate Synonym(s): MNBP</p> <p>Di-n-butyl phthalate (DNBP) is used in the manufacture or as additives in a wide variety of consumer products including cosmetics, pharmaceutical coatings, printing inks, adhesives and insecticides. Exposure to DNBP can be monitored by measuring mono-n-butyl phthalate (MNBP) in urine. People are primarily exposed through food and personal care items.</p>	50	ng/mL	20	

Results for sample 14000569-001 are continued on next page

