



NMS Labs

CONFIDENTIAL

200 Welsh Road, Horsham, PA 19044-2208
Phone: (215) 657-4900 Fax: (215) 657-2972
e-mail: nms@nmslabs.com

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

Demo Report

Report Issued 01/17/2019 10:21
Last Report Issued 01/03/2019 09:40

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

Patient Name 8030U-POS
Patient ID 8030U-POS
Chain 19000009
Age Not Given DOB Not Given
Gender Not Given
Workorder 19000009
Received 01/03/2019 09:06

Sample ID 19000009-001
Matrix Urine
Patient Name 8030U-POS
Patient ID 8030U-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. Contains data for Barbiturates, Cannabinoids, Ethanol, and Methanol.

Results for sample 19000009-001 are continued on next page



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Sample ID 19000009-001
Matrix Urine
Patient Name 8030U-POS
Patient ID 8030U-POS

Collect Dt/Tm Not Given
Source Not Given

Table with 5 columns: Analysis and Comments, Result, Units, Reporting Limit, Notes. Rows include Methanol, Isopropanol, Acetone, and Gamma-Hydroxybutyric Acid.

Results for sample 19000009-001 are continued on next page



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**Sample ID** 19000009-001  
**Matrix** Urine  
**Patient Name** 8030U-POS  
**Patient ID** 8030U-POS

**Collect Dt/Tm** Not Given  
**Source** Not Given

Analysis and Comments	Result	Units	Reporting Limit	Notes
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Comment: Based on this screening result, confirmation testing was performed. Refer to the confirmation test result(s).

Analysis by High Performance Liquid Chromatography/Time of Flight-Mass Spectrometry (LC/TOF-MS)

Dextro / Levo Methorphan	See Comment	ng/mL	10	
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Comment: Based on this screening result, confirmation testing was performed. Refer to the confirmation test result(s).

Dextrorphan / Levorphanol	See Comment	ng/mL	100	
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Synonym(s): Levo-Dromoran®

Comment: Based on this screening result, confirmation testing was performed. Refer to the confirmation test result(s).

Scope Statement	See Comment			
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Comment: The following is a general list of compound classes included in this screen. The detection of any specific analyte is concentration-dependent. Some reporting limits exceed the 10 ng/mL cutoff recommended by the Drug Facilitated Crimes Committee of the Society of Forensic Toxicologists. Note, not all known analytes in each specified compound class are included. Some specific analytes outside these classes are also included. For a detailed list of all analytes and reporting limits, please contact NMS Labs.  
 Amphetamines, Anticonvulsants, Antidepressants, Antihistamines, Antipsychotic Agents, Benzodiazepines, CNS Stimulants, Cocaine and Metabolites, Hallucinogens, Hypnotics, Hypoglycemics, Muscle Relaxants, Non-Steroidal Anti-Inflammatory Agents, Opiates and Opioids.

**50011U Barbiturates Confirmation, Urine**

Analysis by Gas Chromatography/Mass Spectrometry (GC/MS)

Butabarbital	5.0	mcg/mL	0.20	
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Synonym(s): Butisol Sodium

Approximately 5 - 9% of a single dose is excreted unchanged in the urine over a period of 9 days.

Butalbital	5.0	mcg/mL	0.20	
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Results for sample 19000009-001 are continued on next page



**Sample ID** 19000009-001  
**Matrix** Urine  
**Patient Name** 8030U-POS  
**Patient ID** 8030U-POS

**Collect Dt/Tm** Not Given  
**Source** Not Given

Analysis and Comments	Result	Units	Reporting Limit	Notes
The disposition of butalbital has not been well studied in humans.				
Amobarbital	5.0	mcg/mL	0.20	
Approximately 1 - 3% of a dose is excreted unchanged in the urine. Following a single 600 mg oral dose, peak concentrations ranged from 2.5 - 3.7 mcg/mL over a 21 hour period.				
Pentobarbital	5.0	mcg/mL	0.20	
Less than 1% of a dose is eliminated in the urine as unchanged drug.				
Secobarbital	5.0	mcg/mL	0.20	
Synonym(s): Seconal®				
Secobarbital undergoes extensive biotransformation. However, approximately 5% of secobarbital is excreted unchanged in the urine within 2 days.				
Phenobarbital	5.0	mcg/mL	0.50	
Synonym(s): Luminal®				
For patients on chronic therapy, a mean of 20% (range, 12 - 55%) of the dose is excreted unchanged in the 24 hour urine.				

**50013U Cannabinoids Confirmation, Urine**

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

Delta-9 Carboxy THC - Total	50	ng/mL	5.0	
Synonym(s): Inactive Metabolite				
No reference data available.				

**5101U Gamma-Hydroxybutyric Acid Confirmation, Urine**

Analysis by Colorimetry (C)

Creatinine	1000	mg/L	100	
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Results for sample 19000009-001 are continued on next page



**Sample ID** 19000009-001  
**Matrix** Urine  
**Patient Name** 8030U-POS  
**Patient ID** 8030U-POS

**Collect Dt/Tm** Not Given  
**Source** Not Given

Analysis and Comments	Result	Units	Reporting Limit	Notes
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 Gas Chromatography/Mass Spectrometry (GC/MS)				
Gamma-Hydroxybutyric Acid Synonym(s): GHB; Gamma-Hydroxybutyrate Endogenous GHB levels in healthy adults have been determined to range up to 6.6 mcg/mL. Sixteen healthy adults given a single oral dose (50 mg/kg) developed urine levels averaging: 168 mcg/mL during the 0 to 3 hour post-dose interval, 157 mcg/mL during the 3 to 6 hour period and 3.8 mcg/mL for the 6 to 12 hour window. The value reported for GHB is a total of GHB and its lactone (GBL) in the specimen.	50	mcg/mL	5.0	
Gamma-Hydroxybutyric Acid (Creatinine corrected) Synonym(s): GHB; Gamma-Hydroxybutyrate Endogenous creatinine corrected results did not exceed 10 mg/g among unexposed pregnant females (n=66), non-pregnant females (n=105) and males (n=22) in three peer reviewed studies.	50	mg/g Creat	5.0	
<b>52250U Alcohols and Acetone Confirmation, Urine</b> Analysis by Headspace Gas Chromatography (GC)				
Ethanol Synonym(s): Ethyl Alcohol	Confirmed	mg/dL	10	
Methanol Synonym(s): Methyl Alcohol	Confirmed	mg/dL	5.0	
Isopropanol Synonym(s): Isopropyl Alcohol	Confirmed	mg/dL	5.0	
Acetone	Confirmed	mg/dL	5.0	

Results for sample 19000009-001 are continued on next page



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**Sample ID** 19000009-001  
**Matrix** Urine  
**Patient Name** 8030U-POS  
**Patient ID** 8030U-POS

**Collect Dt/Tm** Not Given  
**Source** Not Given

Analysis and Comments	Result	Units	Reporting Limit	Notes
<b>52481U D/L Methorphan, Dextrorphan &amp; Levorphanol Confirmation - Total, Urine</b>				
Analysis by High Performance Liquid Chromatography/ Tandem Mass Spectrometry (LC-MS/MS)				
Dextrorphan / Levorphanol - Total	200	ng/mL	100	
Synonym(s): Levo-Dromoran®				
Note: Levorphanol and Dextrorphan (Dextromethorphan Metabolite) can not be distinguished from each other with this analysis.				
Dextro / Levo Methorphan - Total	50	ng/mL	10	
This test is not chiral specific; therefore, Dextromethorphan and/or Levomethorphan may be present.				