



NMS Labs

CONFIDENTIAL

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e-mail: nms@nmslabs.com

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

Demo Report

Report Issued 05/31/2018 09:50
Last Report Issued 05/24/2018 13:11

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

Patient Name 8091U-POS
Patient ID 8091U-POS
Chain 18000612
Age Not Given DOB Not Given
Gender Not Given
Workorder 18000612
Received 05/24/2018 10:11

Sample ID 18000612-001
Matrix Urine
Patient Name 8091U-POS
Patient ID 8091U-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

8091U Drugs of Abuse (11 Panel) and Alcohol Screen, Urine (Forensic)

Analysis by Headspace Gas Chromatography (GC)

Ethanol 85 mg/dL 10
Synonym(s): Ethyl Alcohol

Ethyl alcohol (ethanol, drinking alcohol) is a central nervous system depressant and can cause effects such as impaired judgment, reduced alertness and impaired muscular coordination. Ethanol can also be a product of decomposition or degradation of biological samples.

Methanol 85 mg/dL 5.0
Synonym(s): Methyl Alcohol

Methanol is contained in paints, cleaners, windshield washer fluid, 'canned heat', and other household products. It may be consumed for its intoxicating properties which are similar to ethanol; however it is much more toxic. In addition to central nervous system depression with its associated slowing of reaction time, lethargy and confusion, methanol can cause blindness due to its toxic metabolites.

Isopropanol 85 mg/dL 5.0

Results for sample 18000612-001 are continued on next page



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Sample ID 18000612-001
Matrix Urine
Patient Name 8091U-POS
Patient ID 8091U-POS

Collect Dt/Tm Not Given
Source Not Given

Table with 5 columns: Analysis and Comments, Result, Units, Reporting Limit, Notes. Rows include Isopropyl Alcohol, Acetone, Opiates, Cocaine / Metabolites, Benzodiazepines, and Cannabinoids.

Results for sample 18000612-001 are continued on next page



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Sample ID 18000612-001
Matrix Urine
Patient Name 8091U-POS
Patient ID 8091U-POS

Collect Dt/Tm Not Given
Source Not Given

Table with 5 columns: Analysis and Comments, Result, Units, Reporting Limit, Notes. Rows include Barbiturates, Methadone / Metabolite, Phencyclidine, Oxycodone / Oxymorphone, Amphetamines, MDMA, and Buprenorphine / Metabolite.

50010U Amphetamines Confirmation, Urine

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

Table with 4 columns: Analysis and Comments, Result, Units, Reporting Limit. Rows include Ephedrine, Pseudoephedrine, and Phenylpropanolamine.

Results for sample 18000612-001 are continued on next page



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Sample ID 18000612-001
Matrix Urine
Patient Name 8091U-POS
Patient ID 8091U-POS

Collect Dt/Tm Not Given
Source Not Given

Table with 5 columns: Analysis and Comments, Result, Units, Reporting Limit, Notes. Rows include Norpseudoephedrine, Amphetamine, Phentermine, Methamphetamine, MDA, MDMA, and MDEA.

50011U Barbiturates Confirmation, Urine

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

Table with 4 columns: Analysis and Comments, Result, Units, Reporting Limit. Row for Butabarbital.

Results for sample 18000612-001 are continued on next page



**Sample ID** 18000612-001  
**Matrix** Urine  
**Patient Name** 8091U-POS  
**Patient ID** 8091U-POS

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

Analysis and Comments	Result	Units	Reporting Limit	Notes
Approximately 5 - 9% of a single dose is excreted unchanged in the urine over a period of 9 days.				
Butalbital The disposition of butalbital has not been well studied in humans.	50	mcg/mL	0.20	
Amobarbital 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.	50	mcg/mL	0.20	
Pentobarbital Less than 1% of a dose is eliminated in the urine as unchanged drug.	50	mcg/mL	0.20	
Secobarbital Synonym(s): Seconal® Secobarbital undergoes extensive biotransformation. However, approximately 5% of secobarbital is excreted unchanged in the urine within 2 days.	50	mcg/mL	0.20	
Phenobarbital 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.	50	mcg/mL	0.20	

**50012U Benzodiazepines Confirmation, Urine**

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

Diazepam Synonym(s): Valium®	50	ng/mL	20	
Nordiazepam Synonym(s): Chlordiazepoxide Metabolite	50	ng/mL	20	
Oxazepam Synonym(s): Serax®	50	ng/mL	20	
Temazepam	50	ng/mL	20	

Results for sample 18000612-001 are continued on next page



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Sample ID 18000612-001
Matrix Urine
Patient Name 8091U-POS
Patient ID 8091U-POS

Collect Dt/Tm Not Given
Source Not Given

Table with 5 columns: Analysis and Comments, Result, Units, Reporting Limit, Notes. Rows include various benzodiazepines like Clobazam, Chlordiazepoxide, Lorazepam, etc.

50013U Cannabinoids Confirmation, Urine

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

Table row for Delta-9 Carboxy THC - Total with Result 50, Units ng/mL, Reporting Limit 5.0

Results for sample 18000612-001 are continued on next page



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Matrix Urine
Patient Name 8091U-POS
Patient ID 8091U-POS

Collect Dt/Tm Not Given
Source Not Given

Table with 5 columns: Analysis and Comments, Result, Units, Reporting Limit, Notes. Contains sections for Cocaine and Metabolites Confirmation, Methadone and Metabolite Confirmation, and Opiates - Free (Unconjugated) Confirmation.

Results for sample 18000612-001 are continued on next page



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**Sample ID** 18000612-001  
**Matrix** Urine  
**Patient Name** 8091U-POS  
**Patient ID** 8091U-POS

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

Analysis and Comments	Result	Units	Reporting Limit	Notes
Synonym(s): Zohydro®; Vicodin®				
6-Monoacetylmorphine - Free	250	ng/mL	5.0	
Synonym(s): 6-MAM; Heroin Metabolite				
6-Monoacetylmorphine is a metabolite of heroin.				
Hydromorphone - Free	250	ng/mL	5.0	
Synonym(s): Dilaudid®; Hydrocodone Metabolite				
Oxycodone - Free	250	ng/mL	25	
Synonym(s): Roxicodone®; OxyContin®				
Oxymorphone - Free	250	ng/mL	5.0	
Synonym(s): Opana®; Numorphan®; Oxycodone Metabolite				
<b>50017U Phencyclidine Confirmation, Urine</b>				
Analysis by High Performance Liquid Chromatography/ Tandem Mass Spectrometry (LC-MS/MS)				
Phencyclidine	50	ng/mL	5.0	
Synonym(s): PCP; Sherm; Angel Dust				
<b>52167U Buprenorphine and Metabolite - Total (Conjugated/Unconjugated) Confirmation, Urine</b>				
Analysis by High Performance Liquid Chromatography/ Tandem Mass Spectrometry (LC-MS/MS)				
Buprenorphine - Total	500	ng/mL	5.0	
Synonym(s): Buprenex®				
The reported result represents the total of free and conjugated buprenorphine.				
Norbuprenorphine - Total	500	ng/mL	5.0	
Synonym(s): Buprenorphine Metabolite				
Buprenorphine is metabolized in the liver by N-dealkylation to norbuprenorphine and both buprenorphine and norbuprenorphine undergo glucuronide conjugation. The reported result represents the total of free and conjugated norbuprenorphine.				

Results for sample 18000612-001 are continued on next page





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**Sample ID** 18000612-001  
**Matrix** Urine  
**Patient Name** 8091U-POS  
**Patient ID** 8091U-POS

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

<b>Analysis and Comments</b>	<b>Result</b>	<b>Units</b>	<b>Reporting Limit</b>	<b>Notes</b>
<b>52250U Alcohols and Acetone Confirmation, Urine</b>				
Analysis by Headspace Gas Chromatography (GC)				
Ethanol	Confirmed	mg/dL	10	
Synonym(s): Ethyl Alcohol				
Methanol	Confirmed	mg/dL	5.0	
Synonym(s): Methyl Alcohol				
Isopropanol	Confirmed	mg/dL	5.0	
Synonym(s): Isopropyl Alcohol				
Acetone	Confirmed	mg/dL	5.0	