



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 05/31/2018 09:50
Last Report Issued 05/24/2018 13:12

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

Patient Name 8101U-POS
Patient ID 8101U-POS
Chain 18000618
Age Not Given DOB Not Given
Gender Not Given
Workorder 18000618
Received 05/24/2018 10:16

Sample ID 18000618-001
Matrix Urine
Patient Name 8101U-POS
Patient ID 8101U-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

8101U Drugs of Abuse (11 Panel) and Alcohol Screen, Urine (Forensic)

Analysis by Enzyme Immunoassay (EIA)

Table with 4 columns: Substance, Result, Units, Reporting Limit. Includes rows for Opiates, Cocaine / Metabolites, Benzodiazepines, Cannabinoids, Barbiturates, and Methadone / Metabolite.

Results for sample 18000618-001 are continued on next page



**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

**Sample ID** 18000618-001  
**Matrix** Urine  
**Patient Name** 8101U-POS  
**Patient ID** 8101U-POS

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

Analysis and Comments	Result	Units	Reporting Limit	Notes
Comment: Based on this screening result, confirmation testing was performed. Refer to the confirmation test result(s).				
Phencyclidine	See Comment	ng/mL	25	
Synonym(s): Angel Dust; PCP; Sherm				
Comment: Based on this screening result, confirmation testing was performed. Refer to the confirmation test result(s).				
Oxycodone / Oxymorphone	See Comment	ng/mL	100	
Comment: Based on this screening result, confirmation testing was performed. Refer to the confirmation test result(s).				
Analysis by Enzyme Immunoassay (EIA)				
Amphetamines	See Comment	ng/mL	500	
Comment: Based on this screening result, confirmation testing was performed. Refer to the confirmation test result(s).				
MDMA	See Comment	ng/mL	300	
Comment: Based on this screening result, confirmation testing was performed. Refer to the confirmation test result(s).				
Buprenorphine / Metabolite	See Comment	ng/mL	5.0	
Comment: Based on this screening result, confirmation testing was performed. Refer to the confirmation test result(s).				
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				

Results for sample 18000618-001 are continued on next page



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

Sample ID 18000618-001
Matrix Urine
Patient Name 8101U-POS
Patient ID 8101U-POS

Collect Dt/Tm Not Given
Source Not Given

Table with 5 columns: Analysis and Comments, Result, Units, Reporting Limit, Notes. Contains rows for Isopropanol and Acetone with detailed descriptions and numerical results.

5223U Amphetamines Quantitation/Confirmation, Urine

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

Results for sample 18000618-001 are continued on next page



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

Sample ID 18000618-001  
Matrix Urine  
Patient Name 8101U-POS  
Patient ID 8101U-POS

Collect Dt/Tm Not Given  
Source Not Given

Analysis and Comments	Result	Units	Reporting Limit	Notes
Ephedrine	500	ng/mL	50	
Pseudoephedrine	500	ng/mL	50	
Phenylpropanolamine Synonym(s): Norephedrine; PPA	500	ng/mL	50	
Norpseudoephedrine Synonym(s): Cathine Norpseudoephedrine is a metabolite of Pseudoephedrine.	500	ng/mL	50	
Amphetamine	500	ng/mL	50	
Phentermine Synonym(s): Pro-Fast®; Ionamin®; Adipex-P® 40% to 90% of a single dose is usually excreted unchanged in urine in 24 hrs.	500	ng/mL	50	
Methamphetamine During the first 24 hours after ingestion of 10 mg: 500 - 4000 ng/mL.  This test reports Methamphetamine as the total of the undifferentiated d and l enantiomers. The ratio of these enantiomers is important in determining whether the source of Methamphetamine is from over the counter medications, prescribed medication or controlled substances. Call lab for further information on d to l enantiomer ratio determination.	500	ng/mL	50	
MDA Synonym(s): Adam; 3,4-Methylenedioxyamphetamine; MDMA Metabolite MDA is a metabolite of MDMA and methylenedioxyethylamphetamine (MDEA) and is abused for its central nervous system stimulant and hallucinogenic properties.	500	ng/mL	50	
MDMA Synonym(s): Ecstasy; 3,4-Methylenedioxymethamphetamine	500	ng/mL	50	
MDEA Synonym(s): Eve; 3,4-methylenedioxyethylamphetamine	500	ng/mL	50	

Results for sample 18000618-001 are continued on next page



Sample ID 18000618-001  
Matrix Urine  
Patient Name 8101U-POS  
Patient ID 8101U-POS

Collect Dt/Tm Not Given  
Source Not Given

Analysis and Comments	Result	Units	Reporting Limit	Notes
<b>53167U Buprenorphine and Metabolite - Total (Conjugated/Unconjugated) Confirmation, Urine</b>				
Analysis by High Performance Liquid Chromatography/ Tandem Mass Spectrometry (LC-MS/MS)				
Buprenorphine - Total Synonym(s): Buprenex® The reported result represents the total of free and conjugated buprenorphine.	500	ng/mL	5.0	
Norbuprenorphine - Total 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.	500	ng/mL	5.0	
<b>53250U 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	
<b>5637U Cocaine and Metabolites Confirmation, Urine</b>				
Analysis by Gas Chromatography/Mass Spectrometry (GC/MS)				
Cocaine	500	ng/mL	200	
Cocaethylene	500	ng/mL	200	

Results for sample 18000618-001 are continued on next page



**Sample ID** 18000618-001  
**Matrix** Urine  
**Patient Name** 8101U-POS  
**Patient ID** 8101U-POS

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

Analysis and Comments	Result	Units	Reporting Limit	Notes
Synonym(s): Cocaine/Ethanol By-Product				
Benzoylcegonine	500	ng/mL	150	
Synonym(s): Cocaine Degradation Product				
<b>5641U Benzodiazepines Confirmation, Urine</b>				
Analysis by High Performance Liquid Chromatography/ Tandem Mass Spectrometry (LC-MS/MS)				
Diazepam	50	ng/mL	20	
Synonym(s): Valium®				
Nordiazepam	50	ng/mL	20	
Oxazepam	50	ng/mL	20	
Synonym(s): Serax®				
Temazepam	50	ng/mL	20	
Synonym(s): Normison®; Restoril®				
Clobazam	50	ng/mL	20	
Synonym(s): Frisium®; Urbanyl®				
Chlordiazepoxide	50	ng/mL	20	
Synonym(s): Librium®				
Lorazepam	50	ng/mL	10	
Synonym(s): Ativan®				
7-Amino Clonazepam	50	ng/mL	5.0	
Synonym(s): Clonazepam Metabolite				
Alprazolam	50	ng/mL	5.0	
Synonym(s): Xanax®				
Alpha-Hydroxyalprazolam	50	ng/mL	10	
Synonym(s): Alprazolam Metabolite				
1-Hydroxymidazolam	50	ng/mL	5.0	
Synonym(s): Midazolam Metabolite				
Hydroxytriazolam	50	ng/mL	5.0	
Synonym(s): Triazolam Metabolite				
Hydroxyethylflurazepam	50	ng/mL	5.0	

Results for sample 18000618-001 are continued on next page



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

Sample ID 18000618-001
Matrix Urine
Patient Name 8101U-POS
Patient ID 8101U-POS

Collect Dt/Tm Not Given
Source Not Given

Table with 5 columns: Analysis and Comments, Result, Units, Reporting Limit, Notes. Contains data for Flurazepam Metabolite (Desalkylflurazepam) and Estazolam (ProSom®).

5645U Opiates - Free (Unconjugated) Confirmation, Urine

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

Table with 5 columns: Analysis and Comments, Result, Units, Reporting Limit, Notes. Lists various opiates like Dihydrocodeine, Codeine, Morphine, Hydrocodone, 6-Monoacetylmorphine, Hydromorphone, Oxycodone, and Oxymorphone.

5646U Cannabinoids Confirmation, Urine

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

Table with 5 columns: Analysis and Comments, Result, Units, Reporting Limit, Notes. Contains data for Delta-9 Carboxy THC - Total.

Results for sample 18000618-001 are continued on next page



**Sample ID** 18000618-001  
**Matrix** Urine  
**Patient Name** 8101U-POS  
**Patient ID** 8101U-POS

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

Analysis and Comments	Result	Units	Reporting Limit	Notes
No reference data available.				
<b>5651U Barbiturates Confirmation, Urine</b>				
Analysis by Gas Chromatography/Mass Spectrometry (GC/MS)				
Butabarbital Synonym(s): Butisol Sodium Approximately 5 - 9% of a single dose is excreted unchanged in the urine over a period of 9 days.	50	mcg/mL	0.20	
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	

**5657U Phencyclidine Confirmation, Urine**

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

Phencyclidine	50	ng/mL	5.0	
---------------	----	-------	-----	--

Results for sample 18000618-001 are continued on next page





**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

**Sample ID** 18000618-001  
**Matrix** Urine  
**Patient Name** 8101U-POS  
**Patient ID** 8101U-POS

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

Analysis and Comments	Result	Units	Reporting Limit	Notes
-----------------------	--------	-------	-----------------	-------

Synonym(s): Angel Dust; Sherm; PCP  
No reference data available.

**5682U Methadone and Metabolite Confirmation, Urine**

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

Methadone	500	ng/mL	200	
Synonym(s): Dolophine®				
EDDP	500	ng/mL	200	
Synonym(s): Methadone Metabolite				

In maintenance subjects: Up to 50000 ng of  
Methadone plus Methadone Metabolites/mL Urine.