NMS Labs
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

CONFIDENTIAL

Demo Report

Report Issued 06/26/2019 07:08
Last Report Issued 03/25/2019 10:31

88888
Clinical Example Report
Attn: Example Reports
200 Welsh Road
Horsham, PA 19044

Patient Name 8092FL-POS
Patient ID 8092FL-POS
Chain 19000540
Age Not Given **DOB** Not Given
Gender Not Given
Workorder 19000540

Received 03/19/2019 13:40

Sample ID 19000540-001
Matrix Fluid
Patient Name 8092FL-POS
Patient ID 8092FL-POS
Container Type Clear vial

Collect Dt/Tm Not Given
Source Not Given

Approx Vol/Weight Not Given

Receipt Notes None Entered

Analysis and Comments	Result	Units	Reporting Limit	Notes
8092FL Postmortem, Expert, Fluid (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	
Synonym(s): Isopropyl Alcohol				

Results for sample 19000540-001 are continued on next page

NMS Labs
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

CONFIDENTIAL

Sample ID 19000540-001
Matrix Fluid
Patient Name 8092FL-POS
Patient ID 8092FL-POS

Collect Dt/Tm Not Given
Source Not Given

Analysis and Comments	Result	Units	Reporting Limit	Notes
Isopropanol is a common industrial and laboratory chemical that is available as a 70% aqueous solution in 'Rubbing Alcohol'. Isopropanol may be consumed for its intoxicating effects. Isopropanol produces effects in man similar to those produced by ethanol, including impairment of cognitive, perceptual and psychomotor capabilities presenting as decrements in alertness, judgment, perception, coordination, response time and sense of care and caution. As a central nervous system depressant, isopropanol has about two times the potency of ethanol; therefore, while the effects produced are similar, impairment caused by isopropyl alcohol will occur at blood concentrations substantially lower than those of ethanol. Isopropyl alcohol is metabolized to acetone, however acetone produced in the body as a result of uncontrolled diabetes can also be converted to isopropanol.				
Acetone	85	mg/dL	5.0	
Acetone is a solvent used for chemicals, paints, etc. It is also a product of diabetic- and fasting-induced ketoacidosis as well as a metabolite following isopropanol ingestion. In high concentrations, acetone can have CNS-depressing effects. Symptoms include lethargy, ataxia, headache, nausea and lightheadedness. Stupor and coma appear in severe cases. Acetone produced in the body as a result of uncontrolled diabetes can also be converted to isopropanol.				
Analysis by Colorimetry (C)				
Salicylates	None Detected	mcg/mL	200	
Analysis by Enzyme-Linked Immunosorbent Assay (ELISA)				
Opiates	None Detected	ng/mL	20	
Cocaine / Metabolites	None Detected	ng/mL	20	
Benzodiazepines	None Detected	ng/mL	100	
Cannabinoids	None Detected	ng/mL	10	
Oxycodone / Oxymorphone	None Detected	ng/mL	10	
Buprenorphine / Metabolite	None Detected	ng/mL	0.50	
Synonym(s): Buprenex®; Subutex®; Temgesic®; Suboxone®				

Results for sample 19000540-001 are continued on next page

NMS Labs
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

CONFIDENTIAL

Sample ID 19000540-001
Matrix Fluid
Patient Name 8092FL-POS
Patient ID 8092FL-POS

Collect Dt/Tm Not Given
Source Not Given

Analysis and Comments	Result	Units	Reporting Limit	Notes
Analysis by Gas Chromatography/Mass Spectrometry (GC/MS)				
Other Findings	None Found			
Comment: The following is a general list of compound classes included in the Gas Chromatographic screen. The detection of any particular compound is concentration-dependent. Please note that not all known compounds included in each specified class or heading are included. Some specific compounds outside these classes are also included. For a detailed list of all compounds and reporting limits included in this screen, please contact NMS Labs.				
Amphetamines, Analgesics (opioid and non-opioid), Anorectics, Antiarrhythmics, Anticholinergic Agents, Anticonvulsant Agents, Antidepressants, Antiemetic Agents, Antihistamines, Antiparkinsonian Agents, Antipsychotic Agents, Antitussive Agents, Antiviral Agents, Calcium Channel Blocking Agents, Cardiovascular Agents (non-digitalis), Local Anesthetics Agents, Muscle Relaxants and Stimulants (Amphetamine-like and others).				
Analysis by Gas Chromatography/Mass Spectrometry (GC/MS)				
N-Acetylprocainamide	Positive	ng/mL	1000	
Synonym(s): NAPA				
N-acetylprocainamide is an antiarrhythmic drug and an active metabolite of procainamide. The reported qualitative result for this substance was based upon a single analysis only. If confirmation testing is required please contact the laboratory.				
Procainamide	Positive	mcg/mL	1.0	
Synonym(s): Procan® SR				
The reported qualitative result for this substance was based upon a single analysis only. If confirmation testing is required please contact the laboratory.				
Other Findings	None Found			
Comment: Anesthetics, Anticoagulant Agents, Antifungal Agents, Antihypertensive Agents, Anxiolytics (Benzodiazepine and others), Hypnosedatives (Barbiturates, Non-Benzodiazepine Hypnotics, and others) and Non-Steroidal Anti-Inflammatory Agents (excluding Salicylate).				

Results for sample 19000540-001 are continued on next page

NMS Labs
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

CONFIDENTIAL

Sample ID 19000540-001
Matrix Fluid
Patient Name 8092FL-POS
Patient ID 8092FL-POS

Collect Dt/Tm Not Given
Source Not Given

Analysis and Comments	Result	Units	Reporting Limit	Notes
52235FL Bath Salts Confirmation, Fluid				
Analysis by High Performance Liquid Chromatography/ Tandem Mass Spectrometry (LC-MS/MS)				
alpha-PVP	20	ng/mL	2.0	
Synonym(s): alpha-Pyrrolidinovalerophenone; (RS)-1-phenyl-2-(1-pyrrolidinyl)-1-pentanone				
Alpha-Pyrrolidinovalerophenone (alpha-PVP) is a psychoactive stimulant that is structurally related to pyrovalerone and MDPV. The compound has been sold on the internet as a designer drug for the intention of recreational drug use in the form of tablets or powders to be taken orally or insufflated, respectively. It is abused for its perceived 'ecstasy like 'effects of euphoria, excitement and alertness. It is claimed that alpha-PVP improves productivity, wakefulness, motivation, locomotion and endurance. In general, psychoactive stimulants have temporary effects on the psychoneurotic system. In addition, they seem to have a much higher tendency to cause side effects such as paranoia, hallucinations, and schizophrenic or psychosis like symptoms.				
Methoxetamine	20	ng/mL	2.0	
Synonym(s): MXE; 2-MeO-Oxo-PC				
Methoxetamine is a psychoactive compound that is structurally related to ketamine and reported to have similar effects. Ketamine is a DEA Schedule III rapidly acting general anesthetic that is chemically related to phencyclidine (PCP). The effects of ketamine include profound analgesia, normal or enhanced skeletal muscle tone and cardiovascular and respiratory stimulation. Reactions manifested by hallucinations, delirium, irrational behavior and/or dream-like states may be seen with use of ketamine and, presumably, methoxetamine. The use of methoxetamine has been linked to the popular 'Designer Drug' movement and this substance may be present in products sold as 'Legal Highs' or 'Bath Salts' for recreational purposes.				

Results for sample 19000540-001 are continued on next page

NMS Labs
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

CONFIDENTIAL

Sample ID 19000540-001
Matrix Fluid
Patient Name 8092FL-POS
Patient ID 8092FL-POS

Collect Dt/Tm Not Given
Source Not Given

Analysis and Comments	Result	Units	Reporting Limit	Notes
52250FL Alcohols and Acetone Confirmation, Fluid				
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	