



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 08/17/2015 13:38
Last Report Issued 06/22/2015 09:25

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

Patient Name 8101SP
Patient ID 8101SP
Chain 15001358
Age Not Given DOB Not Given
Gender Not Given
Workorder 15001358
Received 06/16/2015 08:49

Sample ID 15001358-001
Matrix Serum or Plasma
Patient Name 8101SP
Patient ID 8101SP
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

8101SP Drugs of Abuse (10 Panel) and Alcohol Screen, Serum/Plasma (Forensic)

Analysis by Headspace Gas Chromatography (GC)

Ethanol None Detected 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 None Detected mg/dL 5.0
Synonym(s): Methyl Alcohol

Endogenous blood levels of methanol from metabolic and dietary sources are approximately 0.15 mg/dL.

Exposure to 800 ppm methanol for 8 hours produced a maximum average blood methanol concentration of 3.1 mg/dL.

The blood to plasma ratio of methanol is 0.9.

Isopropanol None Detected mg/dL 5.0

Results for sample 15001358-001 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 15001358-001
Matrix Serum or Plasma
Patient Name 8101SP
Patient ID 8101SP

Collect Dt/Tm Not Given
Source Not Given

Analysis and Comments	Result	Units	Reporting Limit	Notes
<p>Synonym(s): Isopropyl Alcohol</p> <p>Three workers exposed to 191 - 200 ppm isopropanol in air had blood isopropanol concentrations <1 mg/dL; acetone levels were 4 - 16 mg/dL during the exposure. After a sponge bath with isopropanol, one adult had a blood isopropanol concentration of 10 mg/dL.</p> <p>In a study of 31 isopropanol deaths, postmortem blood concentrations ranged from 10 to 250 mg/dL (mean, 140 mg/dL) and acetone blood concentrations ranged from 40 - 300 mg/dL (mean, 170 mg/dL).</p> <p>The blood to plasma ratio of isopropanol is 0.9 - 1.1.</p>				
Acetone	None Detected	mg/dL	5.0	
<p>Reported normal endogenous acetone levels in blood are up to 3 mg/dL. Levels associated with diabetic or fasting ketoacidosis range from 10 - 70 mg/dL. After exposure to 100 and 500 ppm acetone for 2 hr, reported blood acetone concentrations peaked at 2 and 10 mg/dL, respectively. A blood level of 250 mg/dL was reported in an individual who became lethargic following ingestion of acetone.</p> <p>The blood to plasma ratio of acetone is 1.0 - 1.1.</p>				
<p>Analysis by Enzyme-Linked Immunosorbent Assay (ELISA)</p>				
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	
Amphetamines	None Detected	ng/mL	20	
Barbiturates	None Detected	mcg/mL	0.040	
Methadone / Metabolite	None Detected	ng/mL	25	
Phencyclidine	None Detected	ng/mL	10	
<p>Synonym(s): Angel Dust; PCP; Sherm</p>				
Methamphetamine / MDMA	None Detected	ng/mL	20	
Oxycodone / Oxymorphone	None Detected	ng/mL	10	