



NMS Labs

CONFIDENTIAL

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

Demo Report

Report Issued 07/31/2017 07:34
Last Report Issued 05/04/2017 10:43

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

Patient Name 0175SP-POS
Patient ID 0175SP-POS
Chain 17000872
Age Not Given DOB Not Given
Gender Not Given
Workorder 17000872
Received 05/04/2017 09:06

Sample ID 17000872-001
Matrix Serum or Plasma
Patient Name 0175SP-POS
Patient ID 0175SP-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

0175SP Alcohol, Serum/Plasma (Forensic)

Analysis by Headspace Gas Chromatography (GC)

Ethanol 85 mg/dL 10

Synonym(s): Ethyl Alcohol

Ethanol (beverage alcohol) is a central nervous system depressant. It causes impairment of cognitive, perceptual and psychomotor capabilities manifested as decrements in alertness, judgment, perception, coordination, response time and sense of care and caution. Potential effects on driving include, but are not limited to, weaving, crossing center or fog lines, failure to obey traffic signals, wide turns, inappropriate speed for conditions, and involvement in collisions. Generally, a person's level of intoxication will increase with rising blood alcohol concentration. Effects are more pronounced in individuals with limited tolerance, especially minors, however at blood alcohol concentrations of 80 mg/dL (0.08 g/100 mL or 0.08% w/v), virtually all individuals exhibit impairment on some critical driving measures.

Analysis performed in duplicate by, internally standardized, headspace Gas Chromatography (GC). The average of the two headspace GC results is reported.

Results for sample 17000872-001 are continued on next page



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Sample ID 17000872-001
Matrix Serum or Plasma
Patient Name 0175SP-POS
Patient ID 0175SP-POS

Collect Dt/Tm Not Given
Source Not Given

Table with 5 columns: Analysis and Comments, Result, Units, Reporting Limit, Notes. Rows include Methanol (85 mg/dL, 5.0), Isopropanol (85 mg/dL, 5.0), and Acetone (85 mg/dL, 5.0).

Results for sample 17000872-001 are continued on next page



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Sample ID 17000872-001
Matrix Serum or Plasma
Patient Name 0175SP-POS
Patient ID 0175SP-POS

Collect Dt/Tm Not Given
Source Not Given

Analysis and Comments	Result	Units	Reporting Limit	Notes
<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 Headspace Gas Chromatography (GC)</p>				
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	