



NMS Labs

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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 10/05/2020 11:32

Patient Name 0175B-POS
Patient ID 0175B-POS
Chain 20001774
Age Not Given DOB Not Given
Gender Not Given
Workorder 20001774

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

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Positive Findings:

Table with 4 columns: Compound, Result, Units, Matrix Source. Rows include Ethanol (85 ±6 mg/dL) and Blood Alcohol Concentration (BAC) (0.085 ±0.006 g/100 mL).

Quantitative results are reported as Result +/- Uncertainty of Measurement (UM). Ethanol results are reported at a coverage probability of 99.73%; all other analytes are reported at a coverage probability of 95.45%.

See Detailed Findings section for additional information

I certify that I will be available for courtroom testimony at the time of trial.

Testing Requested:

Table with 2 columns: Analysis Code, Description. Row: 0175B Alcohol, Blood (Forensic)

Specimens Received:

Table with 6 columns: ID, Tube/Container, Volume/Mass, Collection Date/Time, Matrix Source, Labeled As. Row: 001 Clear vial, Not Given, Not Given, Blood, Not Applicable

All sample volumes/weights are approximations.

Specimens received on 08/24/2020.



Detailed Findings:

| Analysis and Comments             | Result    | Units    | Rpt. Limit | Specimen Source | Analysis By  |
|-----------------------------------|-----------|----------|------------|-----------------|--------------|
| Ethanol                           | 85        | mg/dL    | 10         | 001 - Blood     | Headspace GC |
| Blood Alcohol Concentration (BAC) | 0.085     | g/100 mL | 0.010      | 001 - Blood     | Headspace GC |
| Ethanol                           | Confirmed | mg/dL    | 10         | 001 - Blood     | Headspace GC |

Other than the above findings, examination of the specimen(s) submitted did not reveal any positive findings of toxicological significance by procedures outlined in the accompanying Analysis Summary.

Reference Comments:

1. Blood Alcohol Concentration (BAC) - Blood:

I certify that I am the analyst of record for this report. In this capacity, I am authorized by NMS Labs to provide the final analytical review of the results in this case. This report cannot be released without my review, and I am responsible for the accuracy of results contained herein. This laboratory is accredited and licensed, and complies with accreditation standards for internal chain of custody, standard operating procedures, analysis of appropriate blanks, calibrators and controls, and other quality control and quality assurance measures, all of which I am familiar with, and that ensure test result accuracy. A complete list of accreditations and licensures are listed on our website at [www.nmslabs.com](http://www.nmslabs.com). I have considered the information available to me at this time, and it is my opinion that testing was properly performed in compliance with laboratory standards and policies, and the results are supported by the analytical data and accurately reflect the toxicological findings for this subject. If lawfully subpoenaed, I will testify to the above facts in a court of law.

2. Ethanol (Ethyl Alcohol) - Blood:

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.

NMS Labs is an approved Laboratory for Alcohol analysis in the Commonwealth of Pennsylvania.

Sample Comments:

- 001 I certify that NMS Labs has taken custody of the evidentiary material, and that all specimen integrity seals were in order.

Analysis Summary and Reporting Limits:

All of the following tests were performed for this case. For each test, the compounds listed were included in the scope. The Reporting Limit listed for each compound represents the lowest concentration of the compound that will be reported as being positive. If the compound is listed as None Detected, it is not present above the Reporting Limit. Please refer to the Positive Findings section of the report for those compounds that were identified as being present.

Acode 0175B - Alcohol, Blood (Forensic)

-Analysis by Headspace Gas Chromatography (GC) for:

| Compound | Rpt. Limit | Compound    | Rpt. Limit |
|----------|------------|-------------|------------|
| Acetone  | 5.0 mg/dL  | Isopropanol | 5.0 mg/dL  |
| Ethanol  | 10 mg/dL   | Methanol    | 5.0 mg/dL  |



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Workorder 20001774  
Chain 20001774  
Patient ID 0175B-POS

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**Analysis Summary and Reporting Limits:**

| <u>Compound</u> | <u>Rpt. Limit</u> | <u>Compound</u> | <u>Rpt. Limit</u> |
|-----------------|-------------------|-----------------|-------------------|
|-----------------|-------------------|-----------------|-------------------|

-Analysis by Headspace Gas Chromatography (GC) for:

| <u>Compound</u> | <u>Rpt. Limit</u> | <u>Compound</u> | <u>Rpt. Limit</u> |
|-----------------|-------------------|-----------------|-------------------|
| Acetone         | 5.0 mg/dL         | Isopropanol     | 5.0 mg/dL         |
| Ethanol         | 10 mg/dL          | Methanol        | 5.0 mg/dL         |