



NMS Labs

CONFIDENTIAL

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Demo Report

Report Issued 11/23/2022 07:08

Patient Name NA
Patient ID 3174B-POS
Chain 22002435
DOB Not Given
Sex Not Given
Workorder 22002435

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

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Positive Findings:

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Matrix Source</u>
Nitrate/Nitrite	Positive	umol/L	001 - Blood

See Detailed Findings section for additional information

Testing Requested:

<u>Test</u>	<u>Test Name</u>
3174B	Nitrate/Nitrite (Qualitative), Blood (Forensic)

Specimens Received:

<u>ID</u>	<u>Tube/Container</u>	<u>Volume/ Mass</u>	<u>Collection Date/Time</u>	<u>Matrix Source</u>	<u>Labeled As</u>
001	Black Cap Glass Container	Not Given	Not Given	Blood	Not Applicable

All sample volumes/weights are approximations.
Specimens received on 11/23/2022.



Detailed Findings:

Analysis and Comments	Result	Units	Rpt. Limit	Specimen Source	Analysis By
Nitrate/Nitrite	Positive	umol/L	1000	001 - Blood	Colorimetry

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. Nitrate/Nitrite - Blood:

The performed test does not differentiate nitrate from nitrite. The test converts all nitrate to nitrite, thus the reported result reflects the combined nitrate/nitrite concentrations. In postmortem blood, nitrite can be converted to nitrate. Combined nitrate/nitrite concentrations in normal individuals are typically less than 100 umol/L. Concentrations of nitrite exceeding 1000 umol/L are considered markedly elevated and consistent with reported postmortem findings where nitrite poisoning is corroborated by case history including cases analyzed at NMS Labs.

A 'Positive' finding correlates to a result >1000 umol/L.

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.

Test 3174B - Nitrate/Nitrite (Qualitative), Blood (Forensic) - Blood

-Analysis by Colorimetry (C) for:

Analyte	Rpt. Limit	Analyte	Rpt. Limit
Nitrate/Nitrite	1000 umol/L		