



**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

**Toxicology Report**

**Report Issued** 09/14/2021 15:25

**Patient Name** RETZLAFF, THOMAS C  
**Patient ID** 2021-09240  
**Chain** NMSCP134153  
**Age Not Given** **DOB** Not Given  
**Gender** Not Given  
**Workorder** 21312449

**To: 10106**  
Maricopa County Office of the Medical Examiner  
Attn: Toxicology Lab  
701 W. Jefferson Street  
Phoenix, AZ 85007

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**Positive Findings:**

None Detected

See Detailed Findings section for additional information

**Testing Requested:**

Analysis Code	Description
8041B	Postmortem, Basic w/Vitreous Alcohol Confirmation, Blood (Forensic)

**Specimens Received:**

ID	Tube/Container	Volume/ Mass	Collection Date/Time	Matrix Source	Labeled As
001	Gray Vial	3 mL	09/03/2021 09:00	Iliac Blood	2021-09240
002	Red Top Tube	2.75 mL	09/03/2021 09:00	Vitreous Fluid	2021-09240
003	White Plastic Container	50 mL	09/03/2021 09:00	Urine	2021-09240
004	White Plastic Container	44.9 g	09/03/2021 09:00	Liver Tissue	2021-09240

All sample volumes/weights are approximations.

Specimens received on 09/08/2021.



**Detailed Findings:**

Examination of the specimen(s) submitted did not reveal any positive findings of toxicological significance by procedures outlined in the accompanying Analysis Summary.

**Sample Comments:**

001 Physician/Pathologist Name: DR. A. MASKOVYAK

Unless alternate arrangements are made by you, the remainder of the submitted specimens will be discarded one (1) year from the date of this report; and generated data will be discarded five (5) years from the date the analyses were performed.

Workorder 21312449 was electronically signed on 09/14/2021 14:46 by:

Meaghan M. Ringel, M.S.F.S.  
Certifying Scientist

**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 8041B - Postmortem, Basic w/Vitreous Alcohol Confirmation, Blood (Forensic) - Iliac Blood

-Analysis by Enzyme-Linked Immunosorbent Assay (ELISA) for:

<u>Compound</u>	<u>Rpt. Limit</u>	<u>Compound</u>	<u>Rpt. Limit</u>
Amphetamines	20 ng/mL	Fentanyl / Acetyl Fentanyl	0.50 ng/mL
Barbiturates	0.040 mcg/mL	Methadone / Metabolite	25 ng/mL
Benzodiazepines	100 ng/mL	Methamphetamine / MDMA	20 ng/mL
Buprenorphine / Metabolite	0.50 ng/mL	Opiates	20 ng/mL
Cannabinoids	10 ng/mL	Oxycodone / Oxymorphone	10 ng/mL
Cocaine / Metabolites	20 ng/mL	Phencyclidine	10 ng/mL

-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