

FORENSIC TOXICOLOGY REPORT



FAA Civil Aerospace Medical Institute
Bioaeronautical Sciences Research Branch, Forensic Sciences
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April 18, 2024

NAME [REDACTED]
LOCATION Marienville, PA
DATE OF ACCIDENT 12/29/2023

CAMI # 202400004001
MODE Aviation
DATE RECEIVED 1/5/2024

NTSB # ERA24FA077
N # 4209W
STATUS FATAL

SPECIMENS Heart, Kidney, Liver, Lung, Muscle, Vitreous

PUTREFACTION No

Screening tests employed

Vitreous - Volatiles (HS GC/FID)
Vitreous - Glucose (Chemical Analyzer)
Liver - Drugs of abuse (Immunoassay)
Liver - General drug screen (LC/MS, GC/MS)

<u>Analyte</u>	<u>Result</u>	<u>Specimen</u>	<u>Instrument</u>
Ethanol	Not Detected	Vitreous	HSGC/FID
Glucose	18 (mg/dL)	Vitreous	Analyzer
Methamphetamine	11262 (ng/mL, ng/g)	Liver	GC/MS
Methamphetamine	264 (ng/mL, ng/g)	Muscle	GC/MS
Amphetamine	89 (ng/mL, ng/g)	Liver	GC/MS
Amphetamine	7 (ng/mL, ng/g)	Muscle	GC/MS
Phenylpropanolamine	Detected	Liver	GC/MS
Phenylpropanolamine	Detected	Muscle	GC/MS
Ephedrine	Detected	Liver	LC/MS
Ephedrine	Detected	Muscle	LC/MS
Modafinil	Detected	Liver	LC/MS
Modafinil	Detected	Muscle	LC/MS
Modafinil Acid	Detected	Liver	LC/MS
Modafinil Acid	Detected	Muscle	LC/MS
Sildenafil	Detected	Liver	LC/MS
Sildenafil	Not Detected	Muscle	LC/MS
Desmethylsildenafil	Detected	Liver	LC/MS
Desmethylsildenafil	Not Detected	Muscle	LC/MS

2024.04.18 14:32:00 -05'00'

[REDACTED], Ph.D., F-ABFT
Manager, Bioaeronautical Sciences Research Branch
Civil Aerospace Medical Institute, FAA

This record may be releasable under the FOIA request 15 days after signature date, unless FOIA exemptions apply.

Results listed in this report relate to tested specimen(s) only. See Forensic Toxicology web site for testing methodology and cutoffs as well as drug, FOIA, and contact information.

<http://www.faa.gov/go/toxlab>