

FORENSIC TOXICOLOGY REPORT



FAA Civil Aerospace Medical Institute
Bioaeronautical Sciences Research Branch, Forensic Sciences
[REDACTED], Oklahoma City, Oklahoma 73125
Ph: [REDACTED], Fax: [REDACTED]



July 28, 2023

NAME [REDACTED]

CAMI # 202300072001

NTSB # CEN23FA183

LOCATION Brady, TX

MODE Aviation

N # 40506

DATE OF ACCIDENT 5/14/2023

DATE RECEIVED 5/19/2023

STATUS FATAL

SPECIMENS Bile, Blood (Heart), Brain, Gastric, Heart, Kidney, Liver, Lung, Muscle, Spleen, Urine, Vitreous

PUTREFACTION Yes

Screening tests employed

Blood (Heart) - Carboxyhemoglobin (UV/VIS)

Vitreous - Volatiles (HS GC/FID)

Urine - Volatiles (HS GC/FID)

Blood (Heart) - Volatiles (HS GC/FID)

Vitreous - Glucose (Chemical Analyzer)

Urine - Glucose (Chemical Analyzer)

Urine - Drugs of abuse (Immunoassay)

Urine - General drug screen (LC/MS, GC/MS)

<u>Analyte</u>	<u>Result</u>	<u>Specimen</u>	<u>Instrument</u>
Carboxyhemoglobin	Not Detected	Blood (Heart)	UV/VIS
Ethanol	66 (mg/dL, mg/hg)	Blood (Heart)	HSGC/FID
Ethanol	Not Detected	Vitreous	HSGC/FID
Ethanol	Not Detected	Urine	HSGC/FID
N-Butanol	Detected	Blood (Heart)	HSGC/FID
N-Butanol	Not Detected	Vitreous	HSGC/FID
N-Butanol	Not Detected	Urine	HSGC/FID
Propanol (N-)	Detected	Blood (Heart)	HSGC/FID
Propanol (N-)	Not Detected	Vitreous	HSGC/FID
Propanol (N-)	Not Detected	Urine	HSGC/FID
Glucose	13 (mg/dL)	Vitreous	Analyzer
Glucose	Not Detected	Urine	Analyzer

2023.08.08 15:17:37
-05'00'

FORENSIC TOXICOLOGY REPORT



FAA Civil Aerospace Medical Institute
Bioaeronautical Sciences Research Branch, Forensic Sciences
██████████, Oklahoma City, Oklahoma 73125
Ph: ██████████, Fax: ██████████



July 28, 2023

CONTINUATION

CAMI # 202300072001

NAME ██████████

<u>Analyte</u>	<u>Result</u>	<u>Specimen</u>	<u>Instrument</u>
Gabapentin	1986 (ng/mL, ng/g)	Blood (Heart)	LC/MS
Gabapentin	102,094 (ng/mL, ng/g)	Urine	LC/MS
Cyclobenzaprine	Detected	Blood (Heart)	LC/MS
Cyclobenzaprine	Inconclusive	Urine	LC/MS
Norcyclobenzaprine	3 (ng/mL, ng/g)	Blood (Heart)	LC/MS
Norcyclobenzaprine	17 (ng/mL, ng/g)	Urine	LC/MS
Acetaminophen	Not Detected	Blood (Heart)	LC/MS
Acetaminophen	Detected	Urine	LC/MS

2023.08.08 15:17:22
-05'00'

Russell Lewis, 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>