

FORENSIC TOXICOLOGY REPORT



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



August 14, 2023

NAME [REDACTED]
LOCATION Watertown, WI
DATE OF ACCIDENT 6/14/2023

CAMI # 202300095002
MODE Aviation
DATE RECEIVED 6/27/2023

NTSB # CEN23FA239
N # 1025C
STATUS FATAL

SPECIMENS Lung, Muscle

PUTREFACTION No

Screening tests employed

Muscle - Volatiles (HS GC/FID)
Lung - Volatiles (HS GC/FID)
Muscle - Drugs of abuse (Immunoassay)
Muscle - General drug screen (LC/MS, GC/MS)

<u>Analyte</u>	<u>Result</u>	<u>Specimen</u>	<u>Instrument</u>
Ethanol	22 (mg/dL, mg/hg)	Lung	HSGC/FID
Ethanol	59 (mg/dL, mg/hg)	Muscle	HSGC/FID
Gabapentin	5237 (ng/mL, ng/g)	Lung	LC/MS
Gabapentin	5028 (ng/mL, ng/g)	Muscle	LC/MS
Codeine	403 (ng/mL, ng/g)	Lung	LC/MS
Codeine	139 (ng/mL, ng/g)	Muscle	LC/MS
Hydrocodone	1 (ng/mL, ng/g)	Lung	LC/MS
Hydrocodone	Not Detected	Muscle	LC/MS
Morphine	18 (ng/mL, ng/g)	Lung	LC/MS
Morphine	8 (ng/mL, ng/g)	Muscle	LC/MS
Delta-8-THC	10.9 (ng/mL, ng/g)	Lung	LC/MS
Delta-8-THC	24 (ng/mL, ng/g)	Muscle	LC/MS
Carboxy-Delta-8-THC	34.4 (ng/mL, ng/g)	Lung	LC/MS
Carboxy-Delta-8-THC	9.8 (ng/mL, ng/g)	Muscle	LC/MS
11-Hydroxy-THC	Detected	Lung	LC/MS
11-Hydroxy-THC	Not Detected	Muscle	LC/MS

2023.08.15 09:38:15
-05'00'

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CONTINUATION

CAMI # 202300095002

NAME [REDACTED]

<u>Analyte</u>	<u>Result</u>	<u>Specimen</u>	<u>Instrument</u>
Acetaminophen	Detected	Lung	LC/MS
Acetaminophen	Detected	Muscle	LC/MS
Valsartan	Detected	Lung	LC/MS
Valsartan	Detected	Muscle	LC/MS
Diclofenac	Detected	Lung	LC/MS
Diclofenac	Detected	Muscle	LC/MS
Hydrochlorothiazide	Detected	Lung	LC/MS
Hydrochlorothiazide	Detected	Muscle	LC/MS

2023.08.15 09:38:00
-05'00'

[REDACTED]
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>