

FORENSIC TOXICOLOGY REPORT



FAA Civil Aerospace Medical Institute
Bioaeronautical Sciences Research Branch, Forensic Sciences



July 18, 2023

NAME [REDACTED]
LOCATION Lyndonville, NY
DATE OF ACCIDENT 5/28/2023

CAMI # 202300080002
MODE Aviation
DATE RECEIVED 6/1/2023

NTSB # CEN23FA204
N # 18263
STATUS FATAL

SPECIMENS Brain, Gastric, Heart, Kidney, Liver, Lung, Muscle, Spleen

PUTREFACTION Yes

Screening tests employed

Liver - Volatiles (HS GC/FID)
Brain - Volatiles (HS GC/FID)
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	Brain	HSGC/FID
Ethanol	Not Detected	Liver	HSGC/FID
Citalopram	Detected	Liver	GC/MS
Citalopram	257 (ng/mL, ng/g)	Muscle	GC/MS
N-Desmethycitalopram	Detected	Liver	GC/MS
N-Desmethycitalopram	Detected	Muscle	GC/MS
Diazepam	72 (ng/mL, ng/g)	Liver	LC/MS
Diazepam	19 (ng/mL, ng/g)	Muscle	LC/MS
Nordiazepam	284 (ng/mL, ng/g)	Liver	LC/MS
Nordiazepam	73 (ng/mL, ng/g)	Muscle	LC/MS
Oxazepam	16 (ng/mL, ng/g)	Liver	LC/MS
Oxazepam	4 (ng/mL, ng/g)	Muscle	LC/MS
Temazepam	7 (ng/mL, ng/g)	Liver	LC/MS
Temazepam	Not Detected	Muscle	LC/MS
Atorvastatin	Detected	Liver	LC/MS
Atorvastatin	Detected	Muscle	LC/MS

[REDACTED] 2023.07.19 17:04:15 -05'00'

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CONTINUATION

CAMI # 202300080002

NAME [REDACTED]

<u>Analyte</u>	<u>Result</u>	<u>Specimen</u>	<u>Instrument</u>
Diltiazem	Inconclusive	Liver	LC/MS
Diltiazem	Detected	Muscle	LC/MS
Meloxicam	Detected	Liver	LC/MS
Meloxicam	Detected	Muscle	LC/MS
Pramoxine	Detected	Liver	LC/MS
Pramoxine	Not Detected	Muscle	LC/MS
Tadalafil	Detected	Liver	LC/MS
Tadalafil	Detected	Muscle	LC/MS

[REDACTED] 2023.07.19 17:04:01
-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.