

FORENSIC TOXICOLOGY REPORT



FAA Civil Aerospace Medical Institute
Bioaeronautical Sciences Research Branch, Forensic Sciences
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August 18, 2023

NAME [REDACTED]
LOCATION Burlington, CO
DATE OF ACCIDENT 7/6/2023

CAMI # 202300108001
MODE Aviation
DATE RECEIVED 7/12/2023

NTSB # CEN23FA285
N # 100PB
STATUS FATAL

SPECIMENS Kidney, Liver, Lung, Muscle

PUTREFACTION Yes

Screening tests employed

Muscle - Volatiles (HS GC/FID)
Lung - Volatiles (HS GC/FID)
Liver - Volatiles (HS GC/FID)
Kidney - 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	12 (mg/dL, mg/hg)	Liver	HSGC/FID
Ethanol	37 (mg/dL, mg/hg)	Muscle	HSGC/FID
Ethanol	14 (mg/dL, mg/hg)	Lung	HSGC/FID
Ethanol	43 (mg/dL, mg/hg)	Kidney	HSGC/FID
Tamsulosin	Detected	Liver	LC/MS
Tamsulosin	Detected	Muscle	LC/MS
Naproxen	Detected	Liver	LC/MS
Naproxen	Detected	Muscle	LC/MS
Sildenafil	Not Detected	Liver	LC/MS
Sildenafil	Detected	Muscle	LC/MS
Desmethysildenafil	Detected	Liver	LC/MS
Desmethysildenafil	Not Detected	Muscle	LC/MS

[REDACTED] 2023.08.22 16:16:58 -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>