

FORENSIC TOXICOLOGY REPORT



FAA Civil Aerospace Medical Institute
Bioaeronautical Sciences Research Branch, Forensic Sciences
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May 4, 2023

NAME [REDACTED]
LOCATION Little Rock, AR
DATE OF ACCIDENT 2/22/2023

CAMI # 202300039001
MODE Aviation
DATE RECEIVED 3/14/2023

NTSB # CEN23FA113
N # 55PC
STATUS FATAL

SPECIMENS Blood (Cavity), Gastric, Heart, Kidney, Liver, Lung, Muscle, Spleen

PUTREFACTION Yes

Screening tests employed

Blood (Cavity) - Carboxyhemoglobin (UV/VIS)
Spleen - Volatiles (HS GC/FID)
Liver - Volatiles (HS GC/FID)
Blood (Cavity) - Volatiles (HS GC/FID)
Blood (Cavity) - Drugs of abuse (Immunoassay)
Blood (Cavity) - General drug screen (LC/MS, GC/MS)

<u>Analyte</u>	<u>Result</u>	<u>Specimen</u>	<u>Instrument</u>
Carboxyhemoglobin	Not Detected	Blood (Cavity)	UV/VIS
Ethanol	18 (mg/dL, mg/hg)	Blood (Cavity)	HSGC/FID
Ethanol	Not Detected	Liver	HSGC/FID
Ethanol	Not Detected	Spleen	HSGC/FID
Propanol (N-)	Detected	Blood (Cavity)	HSGC/FID
Propanol (N-)	Not Detected	Liver	HSGC/FID
Propanol (N-)	Not Detected	Spleen	HSGC/FID
N-Butanol	Detected	Blood (Cavity)	HSGC/FID
N-Butanol	Not Detected	Liver	HSGC/FID
N-Butanol	Not Detected	Spleen	HSGC/FID
Naproxen	Detected	Blood (Cavity)	LC/MS
Naproxen	Detected	Liver	LC/MS

[REDACTED] 2023.05.08 11:24:14 -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>