

FORENSIC TOXICOLOGY REPORT



FAA Civil Aerospace Medical Institute
Bioaeronautical Sciences Research Branch, Forensic Sciences
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September 4, 2024

NAME PILOT	CAMI # 202400126002	NTSB # ERA24FA318
LOCATION Ronkonkoma, NY	MODE Aviation	N # 1089W
DATE OF ACCIDENT 7/22/2024	DATE RECEIVED 7/24/2024	STATUS FATAL

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

PUTREFACTION No

Screening tests employed

Blood (Cavity) - Carboxyhemoglobin (UV/VIS)
Blood (Femoral) - 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 (Cavity)	UV/VIS
Ethanol	Not Detected	Blood (Femoral)	HSGC/FID
Glucose	Not Detected	Vitreous	Analyzer
Glucose	Not Detected	Urine	Analyzer
Citalopram	46 (ng/mL, ng/g)	Blood (Femoral)	GC/MS
Citalopram	340 (ng/mL, ng/g)	Urine	GC/MS
N-Desmethylocitalopram	33 (ng/mL, ng/g)	Blood (Femoral)	GC/MS
N-Desmethylocitalopram	254 (ng/mL, ng/g)	Urine	GC/MS
Terbinafine	Detected	Blood (Femoral)	LC/MS
Terbinafine	Detected	Urine	LC/MS

2024.09.11 15:57:33 -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>