

FORENSIC TOXICOLOGY REPORT



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



September 13, 2023

NAME [REDACTED]
LOCATION Virden, IL
DATE OF ACCIDENT 8/12/2023

CAMI # 202300139001
MODE Aviation
DATE RECEIVED 8/17/2023

NTSB # CEN23FA359
N# 6161
STATUS FATAL

SPECIMENS Bile, Blood, Brain, Gastric, Kidney, Liver, Lung, Muscle, Spleen, Urine, Vitreous

PUTREFACTION Yes

Screening tests employed

Blood - Carboxyhemoglobin (UV/VIS)
Vitreous - Volatiles (HS GC/FID)
Urine - Volatiles (HS GC/FID)
Blood - 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	Unsuitable	Blood	UV/VIS
Ethanol	10 (mg/dL, mg/hg)	Blood	HSGC/FID
Ethanol	18 (mg/dL, mg/hg)	Urine	HSGC/FID
Ethanol	Not Detected	Vitreous	HSGC/FID
Glucose	Not Detected	Vitreous	Analyzer
Glucose	16 (mg/dL)	Urine	Analyzer
Lorazepam	Inconclusive	Blood	LC/MS
Lorazepam	82 (ng/mL, ng/g)	Urine	LC/MS
Desmethylvenlafaxine (O-)	522 (ng/mL, ng/g)	Blood	LC/MS
Desmethylvenlafaxine (O-)	10880 (ng/mL, ng/g)	Urine	LC/MS
Quetiapine	44 (ng/mL, ng/g)	Blood	LC/MS
Quetiapine	48 (ng/mL, ng/g)	Urine	LC/MS

2023.09.15 14:58:10
-05'00'



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CONTINUATION

CAMI # 202300139001

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<u>Analyte</u>	<u>Result</u>	<u>Specimen</u>	<u>Instrument</u>
Norquetiapine	Detected	Blood	LC/MS
Norquetiapine	Detected	Urine	LC/MS

[REDACTED] 2023.09.15 14:57:52 -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>