

FORENSIC TOXICOLOGY REPORT



FAA Civil Aerospace Medical Institute
Bioaeronautical Sciences Research Branch, Forensic Sciences
P.O. Box 25082, Oklahoma City, Oklahoma 73125
Ph: 405-954-6254, Fax: 405-954-3705



April 11, 2023

NAME [REDACTED]
LOCATION Kingfisher, OK
DATE OF ACCIDENT 1/16/2023

CAMI # 202300007001
MODE Aviation
DATE RECEIVED 1/17/2023

NTSB # CEN23FA079
N # 8266D
STATUS FATAL

SPECIMENS Lung, Muscle

PUTREFACTION No

Screening tests employed

Muscle - Volatiles (HS GC/FID)
Lung - Volatiles (HS GC/FID)
Muscle - Drugs of abuse (Immunoassay)
Muscle - General drug screen (LC/MS, GC/MS)

<u>Analyte</u>	<u>Result</u>	<u>Specimen</u>	<u>Instrument</u>
Ethanol	Not Detected	Lung	HSGC/FID
Ethanol	Not Detected	Muscle	HSGC/FID
Delta-9-THC	388.6 (ng/mL, ng/g)	Lung	LC/MS
Delta-9-THC	220.6 (ng/mL, ng/g)	Muscle	LC/MS
Carboxy-Delta-9-THC	216.6 (ng/mL, ng/g)	Lung	LC/MS
Carboxy-Delta-9-THC	138.9 (ng/mL, ng/g)	Muscle	LC/MS
11-Hydroxy-THC	87.1 (ng/mL, ng/g)	Lung	LC/MS
11-Hydroxy-THC	65.9 (ng/mL, ng/g)	Muscle	LC/MS
Bupropion	98 (ng/mL, ng/g)	Lung	LC/MS
Bupropion	40 (ng/mL, ng/g)	Muscle	LC/MS
Hydroxybupropion	1602 (ng/mL, ng/g)	Lung	LC/MS
Hydroxybupropion	187 (ng/mL, ng/g)	Muscle	LC/MS
Venlafaxine	7238 (ng/mL, ng/g)	Lung	LC/MS
Venlafaxine	757 (ng/mL, ng/g)	Muscle	LC/MS
Desmethylvenlafaxine (O-)	9340 (ng/mL, ng/g)	Lung	LC/MS
Desmethylvenlafaxine (O-)	1490 (ng/mL, ng/g)	Muscle	LC/MS

[REDACTED] 2023.04.13 15:33:08 -05'00'



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CONTINUATION

CAMI # 202300007001

NAME [REDACTED]

<u>Analyte</u>	<u>Result</u>	<u>Specimen</u>	<u>Instrument</u>
Quetiapine	203 (ng/mL, ng/g)	Lung	LC/MS
Quetiapine	30 (ng/mL, ng/g)	Muscle	LC/MS
Norquetiapine	Detected	Lung	LC/MS
Norquetiapine	98 (ng/mL, ng/g)	Muscle	LC/MS

[REDACTED] 2023.04.13 15:32:24
-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>