

FORENSIC TOXICOLOGY REPORT



FAA Civil Aerospace Medical Institute
Bioaeronautical Sciences Research Branch, Forensic Sciences
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April 11, 2023

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

CAMI # 202300007002
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	16.3 (ng/mL, ng/g)	Lung	LC/MS
Delta-9-THC	4.7 (ng/mL, ng/g)	Muscle	LC/MS
Carboxy-Delta-9-THC	11.2 (ng/mL, ng/g)	Lung	LC/MS
Carboxy-Delta-9-THC	1.2 (ng/mL, ng/g)	Muscle	LC/MS
11-Hydroxy-THC	7.7 (ng/mL, ng/g)	Lung	LC/MS
11-Hydroxy-THC	Not Detected	Muscle	LC/MS
Venlafaxine	85 (ng/mL, ng/g)	Lung	LC/MS
Venlafaxine	10 (ng/mL, ng/g)	Muscle	LC/MS
Desmethylvenlafaxine (O-)	68 (ng/mL, ng/g)	Lung	LC/MS
Desmethylvenlafaxine (O-)	14 (ng/mL, ng/g)	Muscle	LC/MS
Bupropion	Detected	Lung	LC/MS
Bupropion	Detected	Muscle	LC/MS
Hydroxybupropion	7 (ng/mL, ng/g)	Lung	LC/MS
Hydroxybupropion	Detected	Muscle	LC/MS

2023.04.13 09:51:54
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[REDACTED]
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>