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Toxicology Report

Report Issued 07/22/2026 16:12

To: 151242

MS Medical Examiner Office - Gulf Coast Lab
215 Allen Stuart Drive
Pearl, MS 39208

Patient Name Wells, Nolan X
Patient ID 260706-821
Chain 260706-821
DOB 08/19/2007
Sex Male
Workorder 26320389

Positive Findings:

Analyte	Result	Units	Matrix Source
Cannabinoids	Presump Pos	ng/mL	001 - Decomposition Fluid
Ethanol	270	mg/dL	001 - Decomposition Fluid
Nicotine	Presump Pos	ng/mL	001 - Decomposition Fluid
Caffeine	Presump Pos	mcg/mL	001 - Decomposition Fluid
Cotinine	Presump Pos	ng/mL	001 - Decomposition Fluid

See Detailed Findings section for additional information

Agency Case Number: J30-842-2026

Testing Requested:

Test	Test Name
8052FL	Postmortem, Expanded, Fluid (Forensic)
7903SA	Special Request - LC3: Synthetic Cannabinoids (QUAL)

Specimens Received:

ID	Tube/Container	Volume/ Mass	Collection Date/Time	Matrix Source	Labeled As
001	Gray Stopper Glass Tube	9.75 mL	Not Given	Decomposition Fluid	260706-821
002	Gray Stopper Glass Tube	8 mL	Not Given	Decomposition Fluid	260706-821

001 07/09/2026

002 07/09/2026



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All sample volumes/weights are approximations.
Specimens received on 07/14/2026.

Detailed Findings:

Analysis and Comments	Result	Units	Rpt. Limit	Specimen Source	Analysis By
Special Request Finding(s)	None Detected			001 - Decomposition Fluid	[Depending on request]
ADMB-FUBINACA = None Detected Reporting Limit = 1.0 ng/mL					
5-fluoro-PICA 3,3-dimethylbutanoic acid = None Detected Reporting limit = 5.0 ng/mL					
5-fluoro-PINACA 3-methylbutanoic acid = None Detected Reporting limit = 5.0 ng/mL					
4-fluoro-BINACA 3,3-dimethylbutanoic acid = None Detected Reporting limit = 5.0 ng/mL					
FUBINACA 3-methylbutanoic acid = None Detected Reporting limit = 5.0 ng/mL					
5-fluoro-PINACA 3,3-dimethylbutanoic acid = None Detected Reporting limit = 5.0 ng/mL					
FUBINACA 3,3-dimethylbutanoic acid = None Detected Reporting limit = 5.0 ng/mL					
APP-BINACA = None Detected Reporting limit = 0.10 ng/mL					
5-fluoro-MDMB-PICA = None Detected Reporting limit = 0.10 ng/mL					
MMB-FUBINACA = None Detected Reporting limit = 0.10 ng/mL					
5-fluoro-MDMB-PINACA = None Detected Reporting limit = 0.20 ng/mL					
MDMB-4en-PINACA = None Detected Reporting limit = 0.10 ng/mL					
ADMB-CHMINACA = None Detected Reporting limit = 0.10 ng/mL					
4-fluoro-MDMB-BINACA = None Detected Reporting limit = 0.10 ng/mL					
Analysis by Liquid Chromatography - Tandem Mass Spectrometry (LC-MS/MS)					
Cannabinoids	Presump Pos	ng/mL	10	001 - Decomposition Fluid	ELISA



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Analysis and Comments	Result	Units	Rpt. Limit	Specimen Source	Analysis By
This is the result of an unconfirmed immunoassay screen and does not identify which cannabinoid may be present. For forensic purposes, a mass spectrometry confirmation is generally recommended as best practice. It is widely acknowledged, however, that cannabinoid concentrations cannot be reliably interpreted in postmortem specimens. Confirmatory testing by mass spectrometry, including identification of specific cannabinoids, can be performed upon request.					
Ethanol	270	mg/dL	10	001 - Decomposition Fluid	Headspace GC
Nicotine	Presump Pos	ng/mL	62	001 - Decomposition Fluid	GC/MS
This test is an unconfirmed screen. Confirmation by a more definitive technique is recommended.					
Caffeine	Presump Pos	mcg/mL	0.20	001 - Decomposition Fluid	GC/MS
This test is an unconfirmed screen. Confirmation by a more definitive technique is recommended.					
Cotinine	Presump Pos	ng/mL	25	001 - Decomposition Fluid	GC/MS
This test is an unconfirmed screen. Confirmation by a more definitive technique is recommended.					
Ethanol	Confirmed	mg/dL	10	001 - Decomposition Fluid	Headspace GC

Examination of the specimen(s) submitted did not reveal any reportable findings by procedure(s) outlined in the accompanying Analysis Summary, other than those listed above. Interpretation of reported findings should be based on the totality of available case information. Reference information is not case-specific but is provided as a general guide.

Reference Comments:

1. Ethanol (Ethyl Alcohol) - Decomposition Fluid:

Ethyl alcohol (ethanol, drinking alcohol) is a central nervous system depressant and can cause effects such as impaired judgment, reduced alertness and impaired muscular coordination. Ethanol can also be a product of decomposition or degradation of biological samples.

Sample Comments:

- 001 Autopsy ID: ME26-0514
001 Physician/Pathologist Name: Staci Turner

Unless alternate arrangements are made by you, the remainder of the submitted specimens will be discarded one (1) year from the date of this report; and generated data will be discarded five (5) years from the date the analyses were performed.

Workorder 26320389 was electronically signed on
07/22/2026 16:04 by:

Justin O. Brower, Ph.D., F-ABFT
Forensic Toxicologist

Analysis Summary and Reporting Limits:

The following test(s) were performed for this case; the scope of each test includes the analyte(s) listed along with the associated reporting limit(s). The reporting limit is the lowest concentration of the analyte that will be reported as positive. Only results that meet reporting criteria at or above the reporting limit appear in the Positive Findings section of the report.



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Workorder 26320389
Chain 260706-821
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Analysis Summary and Reporting Limits:

Test 52250FL - Alcohols and Acetone Confirmation, Fluid: 001 - Decomposition Fluid

-Analysis by Headspace Gas Chromatography (GC) for:

<u>Analyte</u>	<u>Rpt. Limit</u>	<u>Analyte</u>	<u>Rpt. Limit</u>
Acetone	5.0 mg/dL	Isopropanol	5.0 mg/dL
Ethanol	10 mg/dL	Methanol	10 mg/dL

Test 7903SA - Special Request - LC3: Synthetic Cannabinoids (QUAL): 001 - Decomposition Fluid

- for:

<u>Analyte</u>	<u>Rpt. Limit</u>	<u>Analyte</u>	<u>Rpt. Limit</u>
Special Request Finding(s)	N/A		

Test 8052FL - Postmortem, Expanded, Fluid (Forensic): 001 - Decomposition Fluid

-Analysis by Colorimetry (C) for:

<u>Analyte</u>	<u>Rpt. Limit</u>	<u>Analyte</u>	<u>Rpt. Limit</u>
Salicylates	200 mcg/mL		

-Analysis by Enzyme-Linked Immunosorbent Assay (ELISA) for:

<u>Analyte</u>	<u>Rpt. Limit</u>	<u>Analyte</u>	<u>Rpt. Limit</u>
Benzodiazepines	100 ng/mL	Cocaine / Metabolites	20 ng/mL
Buprenorphine / Metabolite	0.50 ng/mL	Opiates	20 ng/mL
Cannabinoids	10 ng/mL	Oxycodone / Oxymorphone	10 ng/mL

-Analysis by Gas Chromatography/Mass Spectrometry (GC/MS) for: The following is a general list of analyte classes included in the Gas Chromatography Mass Spectrometry screen. The detection of any specific analyte is concentration-dependent. Note, not all known analytes included in each specified class are included. Some specific analytes outside of these classes are also included. For a detailed list of all analytes and reporting limits included in this screen, please contact NMS Labs. Amphetamines, Analgesics (opioid and non-opioid), Anorectics, Antiarrhythmics, Anticholinergics, Anticonvulsants, Antidepressants, Antihistamines, Antiparkinsonians, Antipsychotics, Antitussives, Antivirals, Cardiovascular Agents (non-digitalis), Muscle Relaxants and Stimulants (Amphetamine-like and others).

-Analysis by Gas Chromatography/Mass Spectrometry (GC/MS) for: Anesthetics, Anticoagulant Agents, Antifungal Agents, Antihypertensive Agents, Anxiolytics (Benzodiazepine and others), Hypnotics, and others) and Non-Steroidal Anti-Inflammatory Agents (excluding Salicylate).

-Analysis by Headspace Gas Chromatography (GC) for:

<u>Analyte</u>	<u>Rpt. Limit</u>	<u>Analyte</u>	<u>Rpt. Limit</u>
Acetone	5.0 mg/dL	Isopropanol	5.0 mg/dL
Ethanol	10 mg/dL	Methanol	10 mg/dL

Analysis by Gas Chromatography/Mass Spectrometry (GC/MS): Some analytes may not be detected due to the nature of the specimen.

End of Report