



NMS Labs

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Toxicology Report

Report Issued [redacted]
Last Report Issued [redacted]

Patient Name [redacted]
Patient ID [redacted]
Chain [redacted]
Age Not Given
Gender Male
Workorder [redacted]

To: [redacted]
Brazoria County Sheriff's Office
3602 County Road 45
Angleton, TX 77515

Positive Findings:

Table with 4 columns: Compound, Result, Units, Matrix Source. Rows include AM-2201, RCS-4, JWH-073, and JWH-122.

See Detailed Findings section for additional information

Testing Requested:

Table with 2 columns: Analysis Code, Description. Row: 8560E Synthetic Cannabinoids Screen, Blood (Forensic)

Specimens Received:

Table with 5 columns: ID, Tube/Container, Volume/Mass, Collection Date/Time, Matrix Source, Miscellaneous Information. Row: 001 Gray Top Tube, 3.25 mL, 07/06/2011 15:05, Blood

All sample volumes/weights are approximations.
Specimens received on 12/21/2011.





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Workorder
Chain
Patient ID

[REDACTED]

Detailed Findings:

Analysis and Comments	Result	Units	Rpt. Limit	Specimen Source	Analysis By
AM-2201	0.96	ng/mL	0.10	001 - Blood	LC-MS/MS
RCS-4	0.27	ng/mL	0.10	001 - Blood	LC-MS/MS
JWH-073	1.9	ng/mL	0.10	001 - Blood	LC-MS/MS
JWH-122	Positive	ng/mL	0.10	001 - Blood	LC-MS/MS

Other than the above findings, examination of the specimen(s) submitted did not reveal any positive findings of toxicological significance by procedures outlined in the accompanying Analysis Summary.

Reference Comments:

- AM-2201 (K2; Space; Spice; Spike; Synthetic Cannabinoids; Yucatan Fire) - Blood:**
AM-2201, a synthetic cannabinoid, has been identified in products sold as 'herbal incense'. These products are sold under a wide variety of names including (but not limited to) Spice, Yucatan Fire, Smoke, Sence, K2, Skunk, Space, K2 Citron, and K2 Blonde. These products may be used as an alternative to cannabis.

No information is available on the metabolism of AM-2201 or expected blood, serum or plasma concentrations following use.
- JWH-073 (K2; Space; Spice; Spike; Synthetic Cannabinoids; Yucatan Fire) - Blood:**
JWH-073, a synthetic cannabinoid, has been identified in products sold as 'herbal incense'. These products are sold under a wide variety of names including (but not limited to) Spice, Yucatan Fire, Smoke, Sence, K2, Skunk, Space, K2 Citron, and K2 Blonde. These products may be used as an alternative to cannabis.

Initial reports indicate that JWH-073 undergoes hydroxylation and glucuronidation and these metabolites are eliminated in urine. No information is available on the expected blood, serum or plasma concentrations following use.
- JWH-122 (K2; Space; Spice; Spike; Synthetic Cannabinoids; Yucatan Fire) - Blood:**
JWH-122, a synthetic cannabinoid, has been identified in products sold as 'herbal incense'. These products are sold under a wide variety of names including (but not limited to) Spice, Yucatan Fire, Smoke, Sence, K2, Skunk, Space, K2 Citron, and K2 Blonde. These products may be used as an alternative to cannabis.

No information is available on the metabolism of JWH-122 or expected blood, serum or plasma concentrations following use.

Testing for this analyte was qualitative only. Quantitative analysis is available upon request; please contact the laboratory for more information.
- RCS-4 (K2; Space; Spice; Spike; Synthetic Cannabinoids; Yucatan Fire) - Blood:**
RCS-4, a synthetic cannabinoid, has been identified in products sold as 'herbal incense'. These products are sold under a wide variety of names including (but not limited to) Spice, Yucatan Fire, Smoke, Sence, K2, Skunk, Space, K2 Citron, and K2 Blonde. These products may be used as an alternative to cannabis.

No information is available on the metabolism of RCS-4 or expected blood, serum or plasma concentrations following use.

Chain of custody documentation has been maintained for the analyses performed by NMS Labs.

Unless alternate arrangements are made by you, the remainder of the submitted specimens will be discarded six (6) weeks from the date of this report; and generated data will be discarded five (5) years from the date the analyses were performed.

Analysis Summary and Reporting Limits:

Acode 5960B - Synthetic Cannabinoids Confirmation, Blood (Forensic)



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Analysis Summary and Reporting Limits:

-Analysis by High Performance Liquid Chromatography/Tandem Mass Spectrometry (LC-MS/MS) for:

<u>Compound</u>	<u>Rpt. Limit</u>	<u>Compound</u>	<u>Rpt. Limit</u>
AM-2201	0.10 ng/mL	JWH-122	0.10 ng/mL
AM-694	0.10 ng/mL	JWH-200	0.10 ng/mL
JWH-018	0.10 ng/mL	JWH-210	0.10 ng/mL
JWH-019	0.10 ng/mL	JWH-250	0.10 ng/mL
JWH-073	0.10 ng/mL	RCS-4	0.10 ng/mL
JWH-081	0.10 ng/mL	RCS-8	0.10 ng/mL

Acoda 9560B - Synthetic Cannabinoids Screen, Blood (Forensic)

-Analysis by High Performance Liquid Chromatography/Tandem Mass Spectrometry (LC-MS/MS) for:

<u>Compound</u>	<u>Rpt. Limit</u>	<u>Compound</u>	<u>Rpt. Limit</u>
AM-2201	0.10 ng/mL	JWH-122	0.10 ng/mL
AM-694	0.10 ng/mL	JWH-200	0.10 ng/mL
JWH-018	0.10 ng/mL	JWH-210	0.10 ng/mL
JWH-019	0.10 ng/mL	JWH-250	0.10 ng/mL
JWH-073	0.10 ng/mL	RCS-4	0.10 ng/mL
JWH-081	0.10 ng/mL	RCS-8	0.10 ng/mL