



NMS Labs

CONFIDENTIAL

200 Welsh Road, Horsham, PA 19044-2208
Phone: (215) 657-4900 Fax: (215) 657-2972
e-mail: nms@nmslabs.com

Robert A. Middleberg, PhD, F-ABFT, DABCC-TC, Laboratory Director

Demo Report

Report Issued 03/30/2020 13:28
Last Report Issued 12/19/2018 14:14

88888
Clinical Example Report
Attn: Example Reports
200 Welsh Road
Horsham, PA 19044

Patient Name 4283U
Patient ID 4283U
Chain 18002134
Age Not Given DOB Not Given
Gender Not Given
Workorder 18002134
Received 12/07/2018 13:37

Sample ID 18002134-001
Matrix Urine
Patient Name 4283U
Patient ID 4283U
Container Type Clear vial

Collect Dt/Tm Not Given
Source Not Given

Approx Vol/Weight Not Given

Receipt Notes None Entered

Table with 5 columns: Analysis and Comments, Result, Units, Reporting Limit, Notes

4283U Synthetic Cannabinoid Metabolites-Expanded (Qualitative) (2019 Scope), Urine

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

4-carboxy-AMB-PINACA None Detected ng/mL 5.0
Synonym(s): AB-PINACA N-pentanoic acid

4-carboxy-AMB-PINACA (AB-PINACA N-pentanoic acid) is a known or presumed metabolite of the following synthetic cannabinoid(s): AMB-PINACA(AB-PINACA).

It may also be a metabolite of other synthetic cannabinoids with similar structures. Compounds known to interfere with this substance: 5-fluoro-PIC-ACID (5-Fluoro-PB-22 3-Carboxyindole).

5-fluoro-PICA 3,3-dimethylbutanoic acid None Detected ng/mL 0.20
Synonym(s): 5F-MDMB-PICA metabolite 7

5-fluoro-PICA 3,3-dimethylbutanoic acid is a known or presumed metabolite of the following synthetic cannabinoid(s): 5-fluoro-MDMB-PICA.

It may also be a metabolite of other synthetic cannabinoids with similar structures.

Results for sample 18002134-001 are continued on next page



NMS Labs

CONFIDENTIAL

200 Welsh Road, Horsham, PA 19044-2208
Phone: (215) 657-4900 Fax: (215) 657-2972
e-mail: nms@nmslabs.com

Robert A. Middleberg, PhD, F-ABFT, DABCC-TC, Laboratory Director

Sample ID 18002134-001
Matrix Urine
Patient Name 4283U
Patient ID 4283U

Collect Dt/Tm Not Given
Source Not Given

Table with 5 columns: Analysis and Comments, Result, Units, Reporting Limit, Notes. Contains 4 rows of analysis results for FUBICA, 5-fluoro-PINAC-ACID, 4-carboxy-CUMYL-BINACA, and 5-fluoro-PIC-ACID.

Results for sample 18002134-001 are continued on next page



NMS Labs

CONFIDENTIAL

200 Welsh Road, Horsham, PA 19044-2208
Phone: (215) 657-4900 Fax: (215) 657-2972
e-mail: nms@nmslabs.com

Robert A. Middleberg, PhD, F-ABFT, DABCC-TC, Laboratory Director

Sample ID 18002134-001
Matrix Urine
Patient Name 4283U
Patient ID 4283U

Collect Dt/Tm Not Given
Source Not Given

Table with 5 columns: Analysis and Comments, Result, Units, Reporting Limit, Notes. Rows include FUBIC-ACID, 5-fluoro-PINACA 3-methylbutanoic acid, FUBINACA 3-methylbutanoic acid, and 5-fluoro-PINACA 3,3-dimethylbutanoic acid.

Results for sample 18002134-001 are continued on next page



NMS Labs

CONFIDENTIAL

200 Welsh Road, Horsham, PA 19044-2208
Phone: (215) 657-4900 Fax: (215) 657-2972
e-mail: nms@nmslabs.com

Robert A. Middleberg, PhD, F-ABFT, DABCC-TC, Laboratory Director

Sample ID 18002134-001
Matrix Urine
Patient Name 4283U
Patient ID 4283U

Collect Dt/Tm Not Given
Source Not Given

Table with 5 columns: Analysis and Comments, Result, Units, Reporting Limit, Notes. Rows include FUBINACA 3,3-dimethylbutanoic acid, CHMINACA-3-methylbutanoic acid, 4-carboxy-NA-PIM, and CHMINACA 3,3-dimethylbutanoic acid.

Results for sample 18002134-001 are continued on next page



NMS Labs

CONFIDENTIAL

200 Welsh Road, Horsham, PA 19044-2208
Phone: (215) 657-4900 Fax: (215) 657-2972
e-mail: nms@nmslabs.com

Robert A. Middleberg, PhD, F-ABFT, DABCC-TC, Laboratory Director

Sample ID 18002134-001

Matrix Urine

Patient Name 4283U

Patient ID 4283U

Collect Dt/Tm Not Given

Source Not Given

Analysis and Comments	Result	Units	Reporting Limit	Notes
<p>CHMINACA 3,3-dimethylbutanoic acid (ADB-CHMINACA 3,3-dimethyl-butanoic acid, MAB-CHMINACA Metabolite) is a known or presumed metabolite of the following synthetic cannabinoid(s): ADMI-CHMINACA (ADB-CHMINACA; MAB-CHMINACA); MDMI-CHMINACA.</p> <p>It may also be a metabolite of other synthetic cannabinoids with similar structures.</p>	None Detected	ng/mL	5.0	
<p>CHMIC-ACID</p> <p>Synonym(s): BB-22 3-Carboxyindole</p> <p>CHMIC-ACID (BB-22 3-Carboxyindole) is a known or presumed metabolite of the following synthetic cannabinoid(s): MMB-CHMICA; MDMI-CHMICA.</p> <p>It may also be a metabolite of other synthetic cannabinoids with similar structures.</p>				

This test was developed and its performance characteristics determined by NMS Labs. It has not been cleared or approved by the US Food and Drug Administration.