



LABORATORY REPORT

QC ACCOUNT (WARDE)
300 W. TEXTILE
ANN ARBOR MI 48108

EXAMPLE, REPORT

WX0000000158 M 07/08/1968 57 Y

Referral Testing

Collected: 06/19/2026 11:06

Received: 06/19/2026 11:06

Test Name	Result	Flag	Ref-Ranges	Units	Site
Synthetic Cannabinoid Metabolites-Expanded (Qual), Urine					
MDMB-4en-PINACA 3,3-Dimethylbutanoic Acid	None Detected			ng/mL	NMRL

Reporting Limit: 0.10 ng/mL
Synonym(s): MDMB-4en-PINACA 3,3-dimethylbutanoic acid;
MDMB-PENINACA butanoic acid
MDMB-4en-PINACA 3,3-dimethylbutanoic acid
(ADB-4en-PINACA 3,3-dimethylbutanoic acid) is a known
metabolite of MDMB-4en-PINACA and ADB-4en-PINACA. It
may also be a metabolite of other synthetic
cannabinoids with similar structures.
Analysis by High Performance Liquid Chromatography/
Tandem Mass Spectrometry (LC-MS/MS)

MDMB-BUTINACA 3,3-Dimethylbutanoic Acid	None Detected			ng/mL	NMRL
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Reporting Limit: 0.10 ng/mL
Synonym(s): ADB-BUTINACA 3,3-dimethylbutanoic acid
metabolite; MDMB-BINACA 3,3-dimethylbutanoic acid
metabolite
Comment:
Substance(s) known to interfere with the identity
and/or quantity of the reported result: Ibuprofen
MDMB-BUTINACA 3,3-dimethylbutanoic acid (MDMB-BINACA
3,3-dimethylbutanoic acid) is a known metabolite of
MDMB-BUTINACA (MDMB-BINACA) and ADB-BUTINACA. It may
also be a metabolite of other synthetic cannabinoids
with similar structures.
Analysis by High Performance Liquid Chromatography/
Tandem Mass Spectrometry (LC-MS/MS)

5-fluoro-MDMB-PINACA 3,3-dimethylbutanoic Acid	None Detected			ng/mL	NMRL
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Reporting Limit: 0.10 ng/mL
Synonym(s): 5-fluoro ADB metabolite 7; 5-fluoro
ADB-M7; 5-fluoro MDMB-PINACA metabolite 7
5-fluoro-MDMB-PINACA 3,3-dimethylbutanoic acid (5F-ADB
3,3-dimethyl-butanoic acid) is a known metabolite of
5-fluoro-MDMB-PINACA (5F-ADB) and
5-fluoro-EDMB-PINACA. It may also be a metabolite of
other synthetic cannabinoids with similar structures.
Analysis by High Performance Liquid Chromatography/
Tandem Mass Spectrometry (LC-MS/MS)
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

LAB: L - LOW, H - HIGH, AB - ABNORMAL, C - CRITICAL, . - NOT TESTED

F019000004
WX00000000158

Printed D&T: 06/19/26 11:06

Ordered By: CLIENT CLIENT
WX00000000000260

Kajal V. Sitwala, MD, PhD - Medical Director

Form: MM RL1
PAGE 1 OF 2



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	Administration. Digital data review may have taken place remotely by qualified NMS staff utilizing a secure VPN connection for some or all of the reported results. This is in accordance with and follows CLIA regulations.				
	Testing performed at NMS Labs, Inc. 200 Welsh Road Horsham, PA 19044-2208 Robert A. Middleberg, PhD, F-ABFT, DABCC-TC, Laboratory Director CLIA 39D0197898				

Reported Date: 06/19/2026 11:06 SCMU

Performing Site:

NMRL: NMS Labs 200 Welsh Road Horsham PA 19044

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Kajal V. Sitwala, MD, PhD - Medical Director

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