

Synthetic Cannabinoid Metabolites Screen-  
Expanded, Urine

|                                                       |                                              |                                            |                 |                  |
|-------------------------------------------------------|----------------------------------------------|--------------------------------------------|-----------------|------------------|
| Patient ID<br><b>SA00180409</b>                       | Patient Name<br><b>SAMPLEREPORT, FSCBA N</b> | Birth Date<br><b>1998-08-08</b>            | Sex<br><b>F</b> | Age<br><b>27</b> |
| Order Number<br><b>SA00180409</b>                     | Client Order Number<br><b>SA00180409</b>     | Ordering Physician<br><b>CLIENT,CLIENT</b> | Report Notes    |                  |
| Account Information<br><b>C7028846 DLMP Rochester</b> |                                              | Collected<br><b>08 Jun 2026 13:00</b>      |                 |                  |

## Synthetic Cannabinoid Screen, Urine

### MDMB-4en-PINACA t-Butylacetic acid

**Y082**

None Detected ng/mL

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 t-Butylacetic acid

**Y082**

None Detected ng/mL

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)

### 5F-MDMB-PINACA t-Butylacetic acid

**Y082**

None Detected ng/mL

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 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.

**Received:** 09 Jun 2026 11:34

**Reported:** 09 Jun 2026 14:16

### Performing Site Legend

| Code | Laboratory | Address                               | Lab Director | CLIA Certificate |
|------|------------|---------------------------------------|--------------|------------------|
| Y082 | NMS Labs   | 200 Welsh Road, Horsham, PA 190442208 |              |                  |