

Comprehensive Analysis Report

Sample Overview

Client: Boojum Med, LLC

Date Received: 03/13/2025

Sample Name: Eugenol MCT Drops

APRC #: BG250314A

Sample Matrix: Tincture

Sample Lot: PR.250311

| Assay | Disposition | Report Date |
|--|-------------|-------------|
| Cannabinoid Testing (Potency) | Tested | 03/21/2025 |
| Microbial: Quantitative and Pathogen Detection Combo | Tested | 03/21/2025 |
| Terpene Quantitation | Tested | 03/21/2025 |



Accreditation #115229

Aromatic Plant Research Center is an ISO 17025:2017 certified laboratory.

Instrument Analysis Report

Potency

Method: SOP 1-2026.03

Sample Name: Eugenol MCT Drops

APRC Lot Number: BG250314A

| Cannabinoid | RT | Total % | Total mg/g |
|---|------|---------|------------|
| Cannabidivarinic Acid (CBDVA) | ND | ND | ND |
| Cannabidivarin (CBDV) | <LOQ | <LOQ | <LOQ |
| Cannabidiolic Acid (CBDA) | ND | ND | ND |
| Cannabigerolic Acid (CBGA) | ND | ND | ND |
| Cannabinol (CBN) | 5.22 | 0.04 | 0.43 |
| Cannabidiol (CBD) | 3.49 | 0.01 | 0.14 |
| Cannabigerol (CBG) | 3.30 | 0.10 | 0.97 |
| Tetrahydrocannabivarin (THCV) | 3.80 | 0.03 | 0.29 |
| Tetrahydrocannabivarin Acid (THCVA) | ND | ND | ND |
| Delta-9-Tetrahydrocannabinol (Δ 9-THC) | 6.59 | 3.99 | 39.93 |
| Delta-8-Tetrahydrocannabinol (Δ 8-THC) | ND | ND | ND |
| Tetrahydrocannabinolic acid (THCA-A) | ND | ND | ND |
| Cannabichromene (CBC) | 8.31 | 0.04 | 0.41 |
| Cannabichromene Acid (CBCA) | ND | ND | ND |
| Δ 10 and Δ 6a,10a-Tetrahydrocannabinol, mixed isomers | ND | ND | ND |
| (6aR,9R)- Δ 10-Tetrahydrocannabinol | NT | NT | NT |
| (6aR,9S)- Δ 10-Tetrahydrocannabinol | NT | NT | NT |
| 9(R+S)- Δ 6a,10a-Tetrahydrocannabinol | NT | NT | NT |
| Cannabicitran (CBTC) | ND | ND | ND |

Performed by: Sunita Timsina

Reviewed by: Tessa Crook

| | % | mg/g |
|------------------------|------|-------|
| Total Cannabinoids | 4.22 | 42.17 |
| Total THC ^t | 3.99 | 39.93 |
| Total CBD ^s | 0.01 | 0.14 |

^tTotal Thc is calculated by Δ 9-THC + (THCA-A*0.877)

^sTotal CBD is calculated by CBD + (CBDA*0.877)

LOD > 0.005% by mass, LOQ > 0.01% by mass

Instrument Analysis Report

Microbial Impurities

Method: SOP 1-2034.01 and 1-2035.01 Sample Name: Eugenol MCT Drops APRC Lot Number: BG250314A

| Total Counts | | | |
|-------------------------|------------------------|-----------------------|---------------------|
| Microbial Group: | Result (CFU/g): | Specification: | Disposition: |
| Total Aerobic Bacteria | 190 | ≤10,000 | Pass |
| Total Yeast and Mold | <10 | ≤1,000 | Pass |

| Specific Organism Identification | | | |
|---|----------------|-----------------------|---------------------|
| Microbial Organism: | Result: | Specification: | Disposition: |
| Aspergillus flavus | NT | NT | Not Tested |
| Aspergillus fumigatus | NT | NT | Not Tested |
| Aspergillus niger | NT | NT | Not Tested |
| Aspergillus terreus | NT | NT | Not Tested |
| E. coli | NT | NT | Not Tested |
| STEC | Not Detected | Not Detected | Pass |
| Salmonella - Specific Gene | Not Detected | Not Detected | Pass |
| Staphylococcus aureus | NT | NT | Not Tested |
| Pseudomonas aeruginosa | NT | NT | Not Tested |

Performed by: Heidi Kipp

Notes: Foreign Matter: Not Detected.

Reviewed by: Jordan Morley

Instrument Analysis Report

Terpenes

Method: SOP 1-2029.03

Sample Name: Eugenol MCT Drops

APRC Lot Number: BG250314A

| Analyte | Total % (w/w) | Total (mg/g) |
|------------------|---------------|--------------|
| α-Pinene | ND | ND |
| Camphene | ND | ND |
| Sabinene | ND | ND |
| β-pinene | ND | ND |
| Myrcene | ND | ND |
| α-Phellandrene | ND | ND |
| 3-Carene | ND | ND |
| α-Terpinene | ND | ND |
| m-Cymene | ND | ND |
| p-Cymene | ND | ND |
| Limonene | 0.001 | 0.006 |
| cis-β-Ocimene | ND | ND |
| Eucalyptol | ND | ND |
| ortho-Cymene | ND | ND |
| trans-β-Ocimene | ND | ND |
| γ-Terpinene | ND | ND |
| Sabinine Hydrate | ND | ND |
| Terpinolene | ND | ND |
| Linalool | 0.010 | 0.100 |
| Fenchyl Alcohol | 0.005 | 0.051 |
| Isopulegol | ND | ND |
| Isoborneol | ND | ND |
| Borneol | 0.002 | 0.016 |

| Analyte | Total % (w/w) | Total (mg/g) |
|---|---------------|--------------|
| Menthol | ND | ND |
| Terpinen-4-ol | ND | ND |
| α-Terpineol | 0.006 | 0.065 |
| Nerol | ND | ND |
| Citronellol | ND | ND |
| Geraniol | ND | ND |
| Thymol | ND | ND |
| Carvacrol | ND | ND |
| (-)-α-Cedrene | ND | ND |
| β-Caryophyllene | 0.075 | 0.753 |
| β-Cedrene | ND | ND |
| trans-β-Farnesene | 0.001 | 0.007 |
| Humulene | 0.027 | 0.272 |
| Valencene | 0.010 | 0.096 |
| cis-Nerolidol | ND | ND |
| trans-Nerolidol | 0.003 | 0.026 |
| Squalene | ND | ND |
| Guaiol | ND | ND |
| Cedrol | ND | ND |
| α-Bisabolol | 0.006 | 0.059 |
| Farneseol | 0.004 | 0.045 |
| Phytane (2,6,10,14-Tetramethylhexadecane) | ND | ND |
| Total | 0.149 | 1.495 |

Performed by: Anil Rokaya

Reviewed by: Tessa Crook

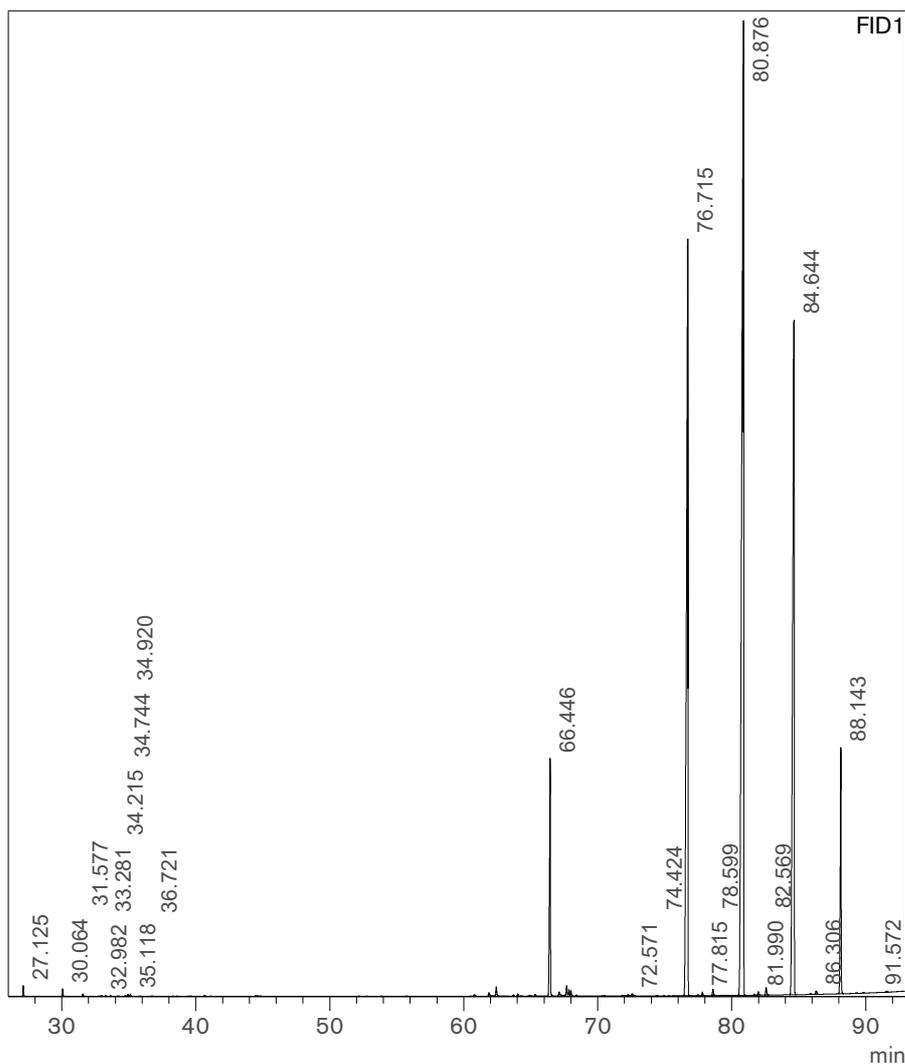


Approved By:
 Nicholas Saichek, PhD
 Senior Scientist Mass Spectrometry
 03/21/2025



Analyzed by : Ambika Poudel
Analyzed : 3/21/2025 2:55:18 PM
Sample type : Essential Oil
Sample Name : Eugenol MCT Drops_PR.250311
APRC Lot# : BG250314A
Injection Volume : 0.30

uV



| Retention Time (min) | Compound Name | Area (%) |
|----------------------|--|----------|
| 27.125 | Eugenol | 0.145 |
| 30.064 | beta-Caryophyllene | 0.115 |
| 31.577 | alpha-Humulene | 0.037 |
| 32.982 | beta-Selinene | 0.009 |
| 33.281 | alpha-Selinene | 0.010 |
| 34.215 | beta-Guaiene | 0.008 |
| 34.744 | Zonarene | 0.009 |
| 34.920 | 3,9-Guaiadiene | 0.032 |
| 35.118 | Selina-3,7(11)-diene | 0.031 |
| 36.721 | Caryophyllene oxide | 0.008 |
| 66.446 | Unidentified | 4.628 |
| 72.571 | Ethyl-2-hexanoate triglyceride | 0.050 |
| 74.424 | 2-(Heptanoyloxy)propane-1,3-diyl dioctar | 0.008 |
| 76.715 | Tricaprylin Triglyceride | 24.487 |
| 77.815 | 3-(Benzoyloxy)propane-1,2-diyl dioctano | 0.061 |
| 78.599 | 2-(Nonanoyloxy)propane-1,3-diyl dioctan | 0.134 |
| 80.876 | Caprin Biscaprylin Triglyceride | 41.051 |
| 81.990 | 2-(Decanoyloxy)-3-(octanoyloxy)propyl be | 0.068 |
| 82.569 | 1-(Nonanoyloxy)-3-(octanoyloxy)propan-2 | 0.178 |
| 84.644 | Caprylin Biscaprin Triglyceride | 23.996 |
| 86.306 | Coconut triglyceride 1 | 0.085 |
| 88.143 | Tricaprin Triglyceride | 4.827 |
| 91.572 | Coconut triglyceride 2 | 0.023 |
| | | 100.000 |

Comments:

The analysis of this sample contains 0.145% eugenol via this method.