



Certificate of Analysis

Batch ID: E092302

Job ID: CA01250-0004340

Sample ID: H1533

Date Received: 05-09-2023

Date Reported: 05-15-2023

Sample Description: Hemp Oil (Peppermint Flavor) (P0079)

Sample Type: Hemp oil Lot Number: H222305

| Method | Reference | Test | Result | Unit |
|----------------|---------------------------|-------------------------------|--------|------|
| ASTM-679 | - | FLAVOR QUANTITAVE | 0.5 | |
| D8399 | - | Cannabidiol | 1.25 | |
| ASTM-P-0151-01 | - | Cannabinol | nd | |
| CP-9-THC-01S | - | Delta 9-THC | nd | |
| CP-THCA-A-01S | - | THC-A | nd | |
| FFA-01 | AOCS Ca 5a-40modified | Free Fatty Acids (FFA) | 0.37 | |
| PV-01 | AOCS Cd 8b-90 modified | Peroxide Value (PV) | 2.68 | |
| TFAT-01 | AOCS Ce 1h-05 modified | Omega 6 ¹ | 57.9 | |
| TFAT-01 | AOCS Ce 1h-05 modified | Omega 3 ¹ | 17.1 | |
| TFAT-01 | AOCS Ce 1h-05 modified | Polyunsaturates ¹ | 75 | |
| TFAT-01 | AOCS Ce 1h-05 modified | Omega 9 ¹ | 13.9 | |
| TFAT-01 | AOCS Ce 1h-05 modified | Monounsaturates ¹ | 14.8 | |
| TFAT-01 | AOCS Ce 1h-05 modified | Saturates ¹ | 9.91 | |
| TFAT-01 | AOCS Ce 1h-05 modified | Other FA ¹ | 0.28 | |
| TFAT-01 | AOCS Ce 1h-05 modified | C24:1n9 Nervonic ¹ | 0.12 | |
| TFAT-01 | AOCS Ce 1h-05 modified | C24:0 Lignoceric ¹ | 0.18 | |
| TFAT-01 | AOCS Ce 1h-05 | C22:1n9 Erucic ¹ | <0.03 | % |

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|---------|---------------------------|---|-------|----------|
| TFAT-01 | modified AOCS Ce 1h-05 | C22:0 Behenic ¹ | 0.4 | % |
| TFAT-01 | modified AOCS Ce 1h-05 | C20:2n6 Eicosadienoic ¹ | 0.07 | % |
| TFAT-01 | modified AOCS Ce 1h-05 | C20:1n9 Eicosenoic 11 ¹ | 0.45 | % |
| TFAT-01 | modified AOCS Ce 1h-05 | C20:0 Arachidic ¹ | 0.94 | % |
| TFAT-01 | modified AOCS Ce 1h-05 | C18:4n6 Octadecatetraenoic ¹ | 1.58 | % |
| TFAT-01 | modified AOCS Ce 1h-05 | C18:3n6 Alpha-Linolenic ¹ | 15.6 | % |
| TFAT-01 | modified AOCS Ce 1h-05 | C18:3n6 Gamma-Linolenic ¹ | 5.15 | % |
| TFAT-01 | modified AOCS Ce 1h-05 | C18:2n6 Linoleic ¹ | 52.6 | % |
| TFAT-01 | modified AOCS Ce 1h-05 | C18:1n7 Vaccenate ¹ | 0.8 | % |
| TFAT-01 | modified AOCS Ce 1h-05 | C18:1n9 Oleic ¹ | 13.3 | % |
| TFAT-01 | modified AOCS Ce 1h-05 | C18:0 Stearic ¹ | 2.51 | % |
| TFAT-01 | modified AOCS Ce 1h-05 | C17:1n7 Heptadecenoic ¹ | 0.03 | % |
| TFAT-01 | modified AOCS Ce 1h-05 | C17:0 Heptadecanoic (Margaric) ¹ | 0.05 | % |
| TFAT-01 | modified AOCS Ce 1h-05 | C16:1n7 Palmitoleic ¹ | 0.09 | % |
| TFAT-01 | modified AOCS Ce 1h-05 | C16:0 Palmitic ¹ | 5.76 | % |
| TFAT-01 | modified AOCS Ce 1h-05 | C14:0 Myristic ¹ | 0.05 | % |
| TFAT-01 | modified AOCS Ce 1h-05 | C12:0 Lauric ¹ | <0.03 | % |
| TFAT-01 | modified AOCS Ce 1h-05 | C20:1n9 Eicosenoic 11 ¹ | 4.27 | mg/g oil |
| TFAT-01 | modified AOCS Ce 1h-05 | C20:0 Arachidic ¹ | 9.06 | mg/g oil |
| TFAT-01 | modified AOCS Ce 1h-05 | C18:4n6 Octadecatetraenoic ¹ | 15.08 | mg/g oil |
| TFAT-01 | modified AOCS Ce 1h-05 | C18:3n6 Alpha-Linolenic ¹ | 149 | mg/g oil |
| TFAT-01 | modified AOCS Ce 1h-05 | C18:3n6 Gamma-Linolenic ¹ | 49.2 | mg/g oil |
| TFAT-01 | modified AOCS Ce 1h-05 | C18:2n6 Linoleic ¹ | 503 | mg/g oil |

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|-----------|---------------------------|---|-------|----------|
| TFAT-01 | AOCS Ce 1h-05 modified | C18:1n7 Vaccenate ¹ | 7.64 | mg/g oil |
| TFAT-01 | AOCS Ce 1h-05 modified | C18:1n9 Oleic ¹ | 127 | mg/g oil |
| TFAT-01 | AOCS Ce 1h-05 modified | C18:0 Stearic ¹ | 24 | mg/g oil |
| TFAT-01 | AOCS Ce 1h-05 modified | C17:1n7 Heptadecenoic ¹ | <0.3 | mg/g oil |
| TFAT-01 | AOCS Ce 1h-05 modified | C17:0 Heptadecanoic (Margaric) ¹ | 0.46 | mg/g oi |
| TFAT-01 | AOCS Ce 1h-05 modified | C16:1n7 Palmitoleic ¹ | 0.85 | mg/g oil |
| TFAT-01 | AOCS Ce 1h-05 modified | C16:0 Palmitic ¹ | 54.8 | mg/g oil |
| TFAT-01 | AOCS Ce 1h-05 modified | C14:0 Myristic ¹ | 0.44 | mg/g oil |
| TFAT-01 | AOCS Ce 1h-05 modified | C12:0 Lauric ¹ | <0.3 | mg/g oil |
| FFA-01 | AOCS Ca 5a-40 modified | Acid Value (AV) | 0.74 | % |
| METMIN-01 | AOAC 2015.01 modified | Arsenic | <0.03 | ppm |
| METMIN-01 | AOAC 2015.01 modified | Cadmium | <0.03 | ppm |
| METMIN-01 | AOAC 2015.01 modified | Lead | <0.1 | ppm |
| METMIN-01 | AOAC 2015.01 modified | Mercury | <0.05 | ppm |
| TFAT-01 | AOCS Ce 1h-05 modified | Omega 9 ¹ | 133 | mg/g oil |
| TFAT-01 | AOCS Ce 1h-05 modified | Omega 6 ¹ | 553 | mg/g oil |
| TFAT-01 | AOCS Ce 1h-05 modified | Omega 3 ¹ | 164 | mg/g oil |
| TFAT-01 | AOCS Ce 1h-05 modified | Polyunsaturates ¹ | 716 | mg/g oil |
| TFAT-01 | AOCS Ce 1h-05 modified | Monounsaturates | 142 | mg/g oil |
| TFAT-01 | AOCS Ce 1h-05 modified | Saturates ¹ | 94.6 | mg/g oil |
| TFAT-01 | AOCS Ce 1h-05 modified | Total Fatty Acids ¹ | 955 | mg/g oil |
| TFAT-01 | AOCS Ce 1h-05 modified | Others ¹ | 2.69 | mg/g oil |
| TFAT-01 | AOCS Ce 1h-05 modified | C24:1n9 Nervonic ¹ | 1.19 | mg/g oil |
| TFAT-01 | AOCS Ce 1h-05 | C24:0 Lignoceric ¹ | 1.79 | mg/g oil |

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|---------|---------------------------|------------------------------------|------|----------|
| TFAT-01 | modified AOCS Ce 1h-05 | C22:1n9 Erucic ¹ | <0.3 | mg/g oil |
| TFAT-01 | modified AOCS Ce 1h-05 | C22:0 Behenic ¹ | 3.85 | mg/g oil |
| TFAT-01 | modified AOCS Ce 1h-05 | C20:2n6 Eicosadienoic ¹ | 0.68 | mg/g oil |

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Microbial results may be estimated as per specific method requirements.



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