



Certificate of Analysis

Batch ID: J232315

Job ID: CA01250-0004335

Sample ID: H1532

Date Received: 10-23-2023

Date Reported: 10-23-2023

Sample Description: Hemp Oil (Vanilla Flavor) (P0230)

Sample Type: Hemp oil Lot Number: J232315

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	%

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

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

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

Tests marked by (*) are included in the scope of SCC accreditation for this Laboratory. This document may only be reproduced in full with the written approval of the Laboratory. The results given herein apply to the submitted sample only.
Microbial results may be estimated as per specific method requirements.



Name: Sam Khayat

Title: Technical Director

Meta Labs Pharmaceuticals