

Prepared for:

Casper's Oil

6705 Hwy 290 West PMB 50220
Austin, TX USA 78735

Organic 1000mg Tincture

Batch ID or Lot Number: 0365918-19	Test, Test ID and Methods: Various	Matrix: Finished Product	Page 3 of 6
Reported: 30Sep2024	Started: 27Sep2024	Received: 27Sep2024	

Cannabinoids

Test ID: T000290810

Methods: TM14 (HPLC-DAD)

	LOD (mg)	LOQ (mg)	Result (mg)	Result (mg/g)	Notes
Cannabichromene (CBC)	1.535	5.002	40.470	1.40	# of Servings = 1, Sample Weight=28g
Cannabichromenic Acid (CBCA)	1.404	4.575	ND	ND	
Cannabidiol (CBD)	4.395	11.933	1091.320	39.00	
Cannabidiolic Acid (CBDA)	4.507	12.239	<LOQ	<LOQ	
Cannabidivarin (CBDV)	1.039	2.822	6.080	0.20	
Cannabidivarinic Acid (CBDVA)	1.880	5.105	ND	ND	
Cannabigerol (CBG)	0.872	2.840	37.700	1.30	
Cannabigerolic Acid (CBGA)	3.643	11.873	ND	ND	
Cannabinol (CBN)	1.137	3.705	<LOQ	<LOQ	
Cannabinolic Acid (CBNA)	2.486	8.101	ND	ND	
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	4.340	14.145	ND	ND	
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	3.942	12.846	46.510	1.70	
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	3.493	11.382	ND	ND	
Tetrahydrocannabivarin (THCV)	0.793	2.583	<LOQ	<LOQ	
Tetrahydrocannabivarinic Acid (THCVA)	3.081	10.039	ND	ND	
Total Cannabinoids			1222.080	43.60	
Total Potential THC			46.510	1.70	
Total Potential CBD			1091.320	39.00	

Final Approval


Sam Smith
02Oct2024
01:10:00 PM MDT
PREPARED BY / DATE


Karen Winternheimer
02Oct2024
01:11:00 PM MDT
APPROVED BY / DATE

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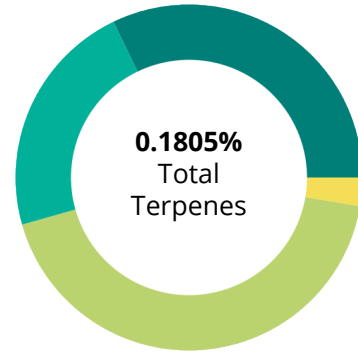
Batch ID or Lot Number: 0365918-19	Test, Test ID and Methods: Various	Matrix: Finished Product	Page 5 of 6
Reported: 30Sep2024	Started: 27Sep2024	Received: 27Sep2024	

Terpenes

Test ID: T000290811

Methods: TM22 (GC-MS)

	%(w/w)	(mg/g)
(-)-alpha-Bisabolol	0.0556	0.556
(-)-beta-Pinene	0.0000	0.0000
(-)-Caryophyllene Oxide	0.0000	0.0000
(-)-Isopulegol	0.0000	0.0000
alpha-Humulene	0.0384	0.384
alpha-Pinene	0.0000	0.0000
alpha-Terpinene	0.0000	0.0000
beta-Caryophyllene	0.0742	0.742
beta-Myrcene	0.0046	0.046
beta-Ocimene	0.0000	0.0000
Camphene	0.0000	0.0000
cis-Nerolidol	0.0000	0.0000
d-Limonene	0.0000	0.0000
delta-3-Carene	0.0000	0.0000
Eucalyptol	0.0000	0.0000
gamma-Terpinene	0.0000	0.0000
Geraniol	0.0000	0.0000
Linalool	0.0000	0.0000
Ocimene	0.0000	0.0000
p-Cymene	0.0000	0.0000
Terpinolene	0.0025	0.025
trans-Nerolidol	0.0052	0.052
	0.1805	1.8050



PREDOMINANT TERPENES

(-)-alpha-Bisabolol	0.0556	
(-)-beta-Pinene	0.0000	
alpha-Humulene	0.0384	
alpha-Pinene	0.0000	
alpha-Terpinene	0.0000	
beta-Caryophyllene	0.0742	
beta-Myrcene	0.0046	
d-Limonene	0.0000	
delta-3-Carene	0.0000	
Linalool	0.0000	

Notes

Final Approval



Karen Winternheimer
18Oct2024
09:01:00 AM MDT

PREPARED BY / DATE



Sam Smith
18Oct2024
09:02:00 AM MDT

APPROVED BY / DATE

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Casper's Oil

6705 Hwy 290 West PMB 50220
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Pesticides

Test ID: T000290812

Methods: TM17

(LC-QQ LC MS/MS)	Dynamic Range (ppb)	Result (ppb)		Dynamic Range (ppb)	Result (ppb)	
Abamectin	403 - 2868	ND		Malathion	304 - 2677	ND
Acephate	43 - 2727	ND		Metalaxyl	48 - 2676	ND
Acetamiprid	44 - 2697	ND		Methiocarb	44 - 2689	ND
Azoxystrobin	46 - 2686	ND		Methomyl	44 - 2747	ND
Bifenazate	46 - 2669	ND		MGK 264 1	162 - 1653	ND
Boscalid	52 - 2707	ND		MGK 264 2	122 - 1089	ND
Carbaryl	42 - 2718	ND		Myclobutanil	45 - 2703	ND
Carbofuran	43 - 2711	ND		Naled	52 - 2698	ND
Chlorantraniliprole	49 - 2668	ND		Oxamyl	44 - 2752	ND
Chlorpyrifos	84 - 2631	ND		Paclobutrazol	46 - 2688	ND
Clofentezine	282 - 2739	ND		Permethrin	285 - 2896	ND
Diazinon	293 - 2695	ND		Phosmet	46 - 2548	ND
Dichlorvos	330 - 2652	ND		Prophos	309 - 2692	ND
Dimethoate	42 - 2684	ND		Propoxur	43 - 2721	ND
E-Fenpyroximate	283 - 2861	ND		Pyridaben	298 - 2887	ND
Etofenprox	42 - 2822	ND		Spinosad A	35 - 2074	ND
Etoxazole	280 - 2788	ND		Spinosad D	64 - 691	ND
Fenoxycarb	48 - 2785	ND		Spiromesifen	334 - 2728	ND
Fipronil	65 - 2710	ND		Spirotetramat	302 - 2726	ND
Flonicamid	51 - 2698	ND		Spiroxamine 1	17 - 1020	ND
Fludioxonil	299 - 2711	ND		Spiroxamine 2	26 - 1595	ND
Hexythiazox	41 - 2905	ND		Tebuconazole	307 - 2744	ND
Imazalil	297 - 2706	ND		Thiacloprid	48 - 2721	ND
Imidacloprid	45 - 2748	ND		Thiamethoxam	49 - 2726	ND
Kresoxim-methyl	48 - 2728	ND		Trifloxystrobin	44 - 2722	ND

Final Approval


Sam Smith
10Oct2024
10:49:00 AM MDT
PREPARED BY / DATE


Karen Winternheimer
10Oct2024
10:51:00 AM MDT
APPROVED BY / DATE

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**Microbial
Contaminants**

Test ID: T000290813

Methods: TM25 (PCR) TM24, TM26,
TM27 (Culture Plating)

	Method	LOD	Quantitation Range	Result	Notes
STEC	TM25: PCR	10 ⁰ CFU/25g	NA	Absent	Free from visual mold, mildew, and foreign matter
<i>Salmonella</i>	TM25: PCR	10 ⁰ CFU/25g	NA	Absent	
Total Yeast and Mold*	TM24: Culture Plating	10 ¹ CFU/g	1.0x10 ² - 1.5x10 ⁴	None Detected	
Total Aerobic Count*	TM26: Culture Plating	10 ² CFU/g	1.0x10 ³ - 1.5x10 ⁵	None Detected	
Total Coliforms*	TM27: Culture Plating	10 ¹ CFU/g	1.0x10 ² - 1.5x10 ⁴	None Detected	

Final Approval


Nora Langer
30Sep2024
02:57:00 PM MDT

PREPARED BY / DATE


Brett Hudson
30Sep2024
04:51:00 PM MDT

APPROVED BY / DATE

Heavy Metals

Test ID: T000290814

Methods: TM19 (ICP-MS): Heavy

Metals	Dynamic Range (ppm)	Result (ppm)	Notes
Arsenic	0.05 - 4.56	ND	
Cadmium	0.05 - 4.65	ND	
Mercury	0.04 - 4.49	ND	
Lead	0.05 - 4.69	ND	

Final Approval


Judith Marquez
02Oct2024
12:24:00 PM MDT

PREPARED BY / DATE


Sam Smith
02Oct2024
12:42:00 PM MDT

APPROVED BY / DATE

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Residual Solvents

Test ID: T000290815

Methods: TM04 (GC-MS): Residual

Solvents	Dynamic Range (ppm)	Result (ppm)	Notes
Propane	93 - 1868	ND	
Butanes (Isobutane, n-Butane)	187 - 3745	ND	
Methanol	66 - 1321	ND	
Pentane	96 - 1929	ND	
Ethanol	97 - 1930	169	
Acetone	107 - 2138	ND	
Isopropyl Alcohol	109 - 2187	ND	
Hexane	7 - 133	ND	
Ethyl Acetate	109 - 2178	ND	
Benzene	0.2 - 4.3	ND	
Heptanes	103 - 2065	ND	
Toluene	19 - 387	ND	
Xylenes (m,p,o-Xylenes)	137 - 2744	ND	

Final Approval



Karen Winternheimer
02Oct2024
09:27:00 AM MDT

PREPARED BY / DATE



Sam Smith
02Oct2024
09:30:00 AM MDT

APPROVED BY / DATE

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<https://results.botanacor.com/api/v1/coas/uuid/b4953b6b-eb9-4651-aab2-4cbd71ecc485>

Definitions

LOD = Limit of Detection, ULOQ = Upper Limit of Quantitation, LLOQ = Lower Limit of Quantitation, PPB = Parts per Billion, % = % (w/w) = Percent (weight of analyte / weight of product). ND = None Detected (defined by dynamic range of the method). Total Potential Delta 9-THC or CBD is calculated to take into account the loss of a carboxyl group during decarboxylation step, using the following formulas: Total Potential Delta 9-THC = Delta 9-THC + (Delta 9-THCa * (0.877)) and Total CBD = CBD + (CBDa * (0.877)). Fail equates to a concentration level of Delta 9-THC, on a dry weight basis, higher than 0.3 percent + or - the measurement uncertainty. Total Potential THC is calculated using the following formulas to take into account the loss of a carboxyl group during decarboxylation step. Total THC = THC + (THCa * (0.877)). ALOQ = Above Limit Of Quantitation (defined by dynamic range of the method), CFU/g = Colony Forming Units per Gram. Values recorded in scientific notation, a common microbial practice of expressing numbers that are too large to be conveniently written in decimal form. Examples: 10^2 = 100 CFU, 10^3 = 1,000 CFU, 10^4 = 10,000 CFU, 10^5 = 100,000 CFU.

Testing results are based solely upon the sample submitted to SC Laboratories, Inc., in the condition it was received. SC Laboratories, Inc., warrants that all analytical work is conducted professionally in accordance with all applicable standard laboratory practices using validated methods. Data was generated using an unbroken chain of comparison to NIST traceable Reference Standards and Certified Reference Materials. This report may not be reproduced, except in full, without the written approval of SC Laboratories, Inc. ISO/IEC 17025:2017 A2LA Cert #: 4329.02 Chemical; 4329.03 Biological. Some tests listed on this COA may not be within our scope of A2LA accreditation. Please visit [A2LA for more details](#).



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