

Prepared for:

Casper's Oil

6705 Hwy 290 West PMB 50220
Austin, TX USA 78735

Casper's Original Oil 1000mg

Batch ID or Lot Number: 365819	Test, Test ID and Methods: Various	Matrix: Concentrate	Page 1 of 5
Reported: 26Feb2024	Started: 23Feb2024	Received: 23Feb2024	

Residual Solvents

Test ID: T000272135

Methods: TM04 (GC-MS): Residual

Solvents	Dynamic Range (ppm)	Result (ppm)	Notes
Propane	99 - 1988	ND	
Butanes (Isobutane, n-Butane)	188 - 3770	ND	
Methanol	69 - 1376	ND	
Pentane	100 - 2007	ND	
Ethanol	101 - 2020	ND	
Acetone	105 - 2107	ND	
Isopropyl Alcohol	113 - 2250	ND	
Hexane	7 - 137	ND	
Ethyl Acetate	113 - 2262	ND	
Benzene	0.2 - 4.9	ND	
Heptanes	113 - 2252	ND	
Toluene	22 - 447	ND	
Xylenes (m,p,o-Xylenes)	163 - 3259	ND	

Final Approval



Karen Winternheimer
26Feb2024
12:21:00 PM MST

PREPARED BY / DATE



Sam Smith
26Feb2024
12:22:00 PM MST

APPROVED BY / DATE

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Pesticides

Test ID: T000272132

Methods: TM17

(LC-QQ LC MS/MS)	Dynamic Range (ppb)	Result (ppb)		Dynamic Range (ppb)	Result (ppb)	
Abamectin	277 - 2691	ND		Malathion	290 - 2684	ND
Acephate	42 - 2661	ND		Metalaxyl	43 - 2715	ND
Acetamiprid	41 - 2675	ND		Methiocarb	43 - 2701	ND
Azoxystrobin	48 - 2688	ND		Methomyl	40 - 2717	ND
Bifenazate	44 - 2695	ND		MGK 264 1	170 - 1633	ND
Boscalid	46 - 2666	ND		MGK 264 2	100 - 1073	ND
Carbaryl	42 - 2691	ND		Myclobutanil	40 - 2682	ND
Carbofuran	44 - 2692	ND		Naled	45 - 2651	ND
Chlorantraniliprole	40 - 2671	ND		Oxamyl	41 - 2712	ND
Chlorpyrifos	53 - 2685	ND		Paclobutrazol	46 - 2710	ND
Clofentezine	273 - 2698	ND		Permethrin	284 - 2754	ND
Diazinon	290 - 2692	ND		Phosmet	41 - 2562	ND
Dichlorvos	290 - 2674	ND		Prophos	291 - 2668	ND
Dimethoate	40 - 2684	ND		Propoxur	42 - 2697	ND
E-Fenpyroximate	258 - 2738	ND		Pyridaben	291 - 2708	ND
Etofenprox	46 - 2699	ND		Spinosad A	32 - 2080	ND
Etoxazole	289 - 2622	ND		Spinosad D	66 - 668	ND
Fenoxycarb	42 - 2696	ND		Spiromesifen	261 - 2707	ND
Fipronil	41 - 2821	ND		Spirotetramat	288 - 2747	ND
Flonicamid	50 - 2744	ND		Spiroxamine 1	16 - 1023	ND
Fludioxonil	303 - 2688	ND		Spiroxamine 2	25 - 1588	ND
Hexythiazox	42 - 2739	ND		Tebuconazole	287 - 2690	ND
Imazalil	275 - 2727	ND		Thiacloprid	42 - 2695	ND
Imidacloprid	43 - 2746	ND		Thiamethoxam	42 - 2725	ND
Kresoxim-methyl	42 - 2730	ND		Trifloxystrobin	45 - 2706	ND

Final Approval



Karen Winterheimer
28Feb2024
10:34:00 AM MST

PREPARED BY / DATE



Sam Smith
28Feb2024
10:39:00 AM MST

APPROVED BY / DATE

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Reported: 26Feb2024	Started: 23Feb2024	Received: 23Feb2024	

Cannabinoids

Test ID: T000272130

Methods: TM14 (HPLC-DAD)

	LOD (mg)	LOQ (mg)	Result (mg)	Result (mg/g)	Notes
Cannabichromene (CBC)	1.156	4.533	ND	ND	# of Servings = 1, Sample Weight=28g
Cannabichromenic Acid (CBCA)	1.057	4.146	ND	ND	
Cannabidiol (CBD)	5.139	14.513	1119.800	40.00	
Cannabidiolic Acid (CBDA)	5.270	14.885	<LOQ	<LOQ	
Cannabidivarin (CBDV)	1.215	3.432	4.330	0.20	
Cannabidivarinic Acid (CBDVA)	2.199	6.209	ND	ND	
Cannabigerol (CBG)	0.656	2.574	ND	ND	
Cannabigerolic Acid (CBGA)	2.743	10.758	ND	ND	
Cannabinol (CBN)	0.856	3.357	ND	ND	
Cannabinolic Acid (CBNA)	1.871	7.340	ND	ND	
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	3.268	12.817	ND	ND	
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	2.968	11.640	<LOQ	<LOQ	
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	2.629	10.313	ND	ND	
Tetrahydrocannabivarin (THCV)	0.597	2.341	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	2.319	9.097	ND	ND	
Total Cannabinoids			1124.130	40.20	
Total Potential THC			0.000	0.00	
Total Potential CBD			1119.800	40.00	

Final Approval



Karen Winternheimer
29Feb2024
11:31:00 AM MST

PREPARED BY / DATE



Sam Smith
29Feb2024
11:32:00 AM MST

APPROVED BY / DATE

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Austin, TX USA 78735

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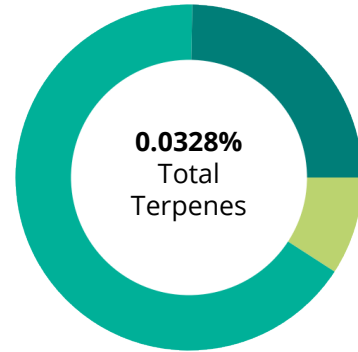
Batch ID or Lot Number: 365819	Test, Test ID and Methods: Various	Matrix: Concentrate	Page 4 of 5
Reported: 26Feb2024	Started: 23Feb2024	Received: 23Feb2024	

Terpenes

Test ID: T000272131

Methods: TM22 (GC-MS)

	(w/w)	(mg/g)
(-)-alpha-Bisabolol	0.0000	0.0000
(-)-beta-Pinene	0.0000	0.0000
(-)-Caryophyllene Oxide	0.0000	0.0000
(-)-Isopulegol	0.0000	0.0000
alpha-Humulene	0.0081	0.081
alpha-Pinene	0.0000	0.0000
alpha-Terpinene	0.0000	0.0000
beta-Caryophyllene	0.0217	0.217
beta-Myrcene	0.0030	0.030
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	0.0000	0.0000
trans-Nerolidol	0.0000	0.0000
	0.0328	0.3280



PREDOMINANT TERPENES

(-)-alpha-Bisabolol	0.0000
(-)-beta-Pinene	0.0000
alpha-Humulene	0.0081
alpha-Pinene	0.0000
alpha-Terpinene	0.0000
beta-Caryophyllene	0.0217
beta-Myrcene	0.0030
d-Limonene	0.0000
delta-3-Carene	0.0000
Linalool	0.0000

Notes

Final Approval


Sam Smith
29Feb2024
01:13:00 PM MST
PREPARED BY / DATE


Karen Winternheimer
29Feb2024
01:14:00 PM MST
APPROVED BY / DATE

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Microbial Contaminants

Test ID: T000272133

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


Brianne Maillot
29Feb2024
10:21:00 AM MST
PREPARED BY / DATE


Eden Thompson-Wright
29Feb2024
04:01:00 PM MST
APPROVED BY / DATE



<https://results.botanacor.com/api/v1/coas/uuid/f6dcc5ef-8c75-4a78-961f-dc30c3380fbf>

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: 10² = 100 CFU, 10³ = 1,000 CFU, 10⁴ = 10,000 CFU, 10⁵ = 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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