

Prepared for:
EXTRACT LABS

1399 Horizon Ave
Lafayette, CO USA 80026

Topical-Organic 2000mg CBD Muscle Cream-FS

Batch ID or Lot Number: 25B1060408	Test, Test ID and Methods: Various	Matrix: Finished Product	Page 1 of 6
Reported: 08Aug2025	Started: 05Aug2025	Received: 04Aug2025	

Microbial Contaminants - Colorado Compliance

Test ID: T000309413
Methods: TM25 (qPCR) TM24, TM26,
TM27 (Culture Plating): Microbial
(Colorado Panel)

	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

 Aimee Lowe
08Aug2025
01:49:00 PM MDT

 Theresa Goergen
08Aug2025
02:42:00 PM MDT

PREPARED BY / DATE


APPROVED BY / DATE


Heavy Metals - Colorado Compliance

Test ID: T000309414
Methods: TM19 (ICP-MS): Heavy
Metals

Metals	Dynamic Range (ppm)	Result (ppm)	Notes
Arsenic	0.05 - 4.70	ND	
Cadmium	0.04 - 4.49	ND	
Mercury	0.05 - 4.59	ND	
Lead	0.05 - 4.80	ND	

Final Approval

 Danielle Alm
09Aug2025
06:01:00 PM MDT

 Sam Smith
09Aug2025
06:02:00 PM MDT

PREPARED BY / DATE

APPROVED BY / DATE

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Cannabinoids


Test ID: T000309411


Methods: TM14 (HPLC-DAD): Potency - Broad

Spectrum Analysis, 0.01% THC

	LOD (%)	LOQ (%)	Result (%)	Result (mg/g)	Notes
Cannabichromene (CBC)	0.005	0.020	0.108	1.08	
Cannabichromenic Acid (CBCA)	0.004	0.019	ND	ND	
Cannabidiol (CBD)	0.018	0.049	3.123	31.23	
Cannabidiolic Acid (CBDA)	0.019	0.050	ND	ND	
Cannabidivarin (CBDV)	0.004	0.012	<LOQ	<LOQ	
Cannabidivarinic Acid (CBDVA)	0.008	0.021	ND	ND	
Cannabigerol (CBG)	0.003	0.012	ND	ND	
Cannabigerolic Acid (CBGA)	0.012	0.048	ND	ND	
Cannabinol (CBN)	0.004	0.015	ND	ND	
Cannabinolic Acid (CBNA)	0.008	0.033	ND	ND	
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	0.014	0.058	ND	ND	
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	0.002	0.009	0.049	0.49	
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	0.002	0.008	ND	ND	
Tetrahydrocannabivarin (THCV)	0.003	0.011	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	0.010	0.041	ND	ND	
Total Cannabinoids			3.280	32.80	
Total Potential THC			0.049	0.49	
Total Potential CBD			3.123	31.23	

Final Approval


Danielle Alm
12Aug2025
11:00:00 AM MDT
PREPARED BY / DATE


Sam Smith
12Aug2025
11:00:00 AM MDT
APPROVED BY / DATE

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Residual Solvents


Test ID: T000309415

Methods: TM04 (GC-MS): Residual

Solvents	Dynamic Range (ppm)	Result (ppm)	Notes
Propane	103 - 2064	ND	
Butanes (Isobutane, n-Butane)	191 - 3817	ND	
Methanol	82 - 1644	ND	
Pentane	95 - 1906	ND	
Ethanol	101 - 2023	ND	
Acetone	102 - 2043	ND	
Isopropyl Alcohol	104 - 2077	ND	
Hexane	6 - 126	ND	
Ethyl Acetate	104 - 2086	ND	
Benzene	0.2 - 4.2	ND	
Heptanes	99 - 1981	ND	
Toluene	19 - 374	ND	
Xylenes (m,p,o-Xylenes)	135 - 2699	ND	

Final Approval


Judith Marquez
13Aug2025
05:11:00 PM MDT
PREPARED BY / DATE


Sam Smith
13Aug2025
05:14:00 PM MDT
APPROVED BY / DATE

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**Mycotoxins - Colorado
Compliance**

Test ID: T000309416
Methods: TM18 (UHPLC-QQQ
LCMS/MS): Mycotoxins

	Dynamic Range (ppb)	Result (ppb)	Notes
Ochratoxin A	3.40 - 132.88	ND	N/A
Aflatoxin B1	0.92 - 34.28	ND	
Aflatoxin B2	0.92 - 34.01	ND	
Aflatoxin G1	1.09 - 34.08	ND	
Aflatoxin G2	1.02 - 34.31	ND	
Total Aflatoxins (B1, B2, G1, and G2)		ND	

Final Approval


PREPARED BY / DATE
Danielle Alm
13Aug2025
05:03:00 AM MDT


APPROVED BY / DATE
Sam Smith
13Aug2025
05:19:00 AM MDT

Prepared for:
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Pesticides

Test ID: T000309412

Methods: TM17

(LC-QQ LC MS/MS)	Dynamic Range (ppb)	Result (ppb)		Dynamic Range (ppb)	Result (ppb)	
Abamectin	353 - 2631	ND		Malathion	333 - 2744	ND
Acephate	38 - 2612	ND		Metalaxyl	47 - 2711	ND
Acetamiprid	49 - 2612	ND		Methiocarb	59 - 2646	ND
Azoxystrobin	48 - 2674	ND		Methomyl	54 - 2644	ND
Bifenazate	46 - 2716	ND		MGK 264 1	193 - 1614	ND
Boscalid	56 - 2637	ND		MGK 264 2	107 - 1022	ND
Carbaryl	48 - 2740	ND		Myclobutanil	53 - 2621	ND
Carbofuran	51 - 2719	ND		Naled	65 - 2700	ND
Chlorantraniliprole	60 - 2620	ND		Oxamyl	50 - 2623	ND
Chlorpyrifos	53 - 2684	ND		Paclobutrazol	53 - 2711	ND
Clofentezine	350 - 2740	ND		Permethrin	323 - 2742	ND
Diazinon	352 - 2731	ND		Phosmet	60 - 2754	ND
Dichlorvos	341 - 2642	ND		Prophos	302 - 2678	ND
Dimethoate	56 - 2602	ND		Propoxur	50 - 2714	ND
E-Fenpyroximate	305 - 2826	ND		Pyridaben	330 - 2839	ND
Etofenprox	49 - 2848	ND		Spinosad A	38 - 2003	ND
Etoxazole	340 - 2831	ND		Spinosad D	83 - 744	ND
Fenoxycarb	50 - 2731	ND		Spiromesifen	296 - 2844	ND
Fipronil	38 - 2768	ND		Spirotetramat	331 - 2712	ND
Flonicamid	57 - 2661	ND		Spiroxamine 1	23 - 1172	ND
Fludioxonil	350 - 2667	ND		Spiroxamine 2	29 - 1428	ND
Hexythiazox	44 - 2848	ND		Tebuconazole	321 - 2703	ND
Imazalil	345 - 2699	ND		Thiacloprid	52 - 2604	ND
Imidacloprid	58 - 2629	ND		Thiamethoxam	54 - 2618	ND
Kresoxim-methyl	49 - 2698	ND		Trifloxystrobin	52 - 2700	ND

Final Approval



Judith Marquez
20Aug2025
08:50:00 PM MDT

PREPARED BY / DATE



Sam Smith
20Aug2025
08:48:00 PM MDT

APPROVED BY / DATE

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<https://results.botanacor.com/api/v1/coas/uuid/ef0d50b3-e57a-4cfa-9eb9-9ac0f3205052>

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 \times (0.877)) and Total CBD = CBD + (CBDa \times (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 \times (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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