

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
Salmonella	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

PREPARED BY / DATE


Theresa Goergen
08Aug2025
02:42:00 PM MDT

APPROVED BY / DATE

Heavy Metals - Colorado Compliance

Test ID: T000309414

Methods: TM19 (ICP-MS): Heavy

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

PREPARED BY / DATE


Sam Smith
09Aug2025
06:02:00 PM MDT

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	
Cannabidivarın (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	
Tetrahydrocannabivarın (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



 Samantha Smith
 12Aug2025
 11:00:00 AM MDT

PREPARED BY / DATE

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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Topical-Organic 2000mg CBD Muscle Cream-FS

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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


 Danielle Alm
 13Aug2025
 05:03:00 AM MDT

PREPARED BY / DATE



 Sam Smith
 13Aug2025
 05:19:00 AM MDT

APPROVED BY / DATE

Prepared for:
EXTRACT LABS

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

Final Approval


 Judith Marquez
 20Aug2025
 08:50:00 PM MDT

PREPARED BY / DATE



 Sam Smith
 20Aug2025
 08:48:00 PM MDT

APPROVED BY / DATE

CERTIFICATE OF ANALYSIS

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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 *(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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