

Prepared for:
EXTRACT LABS

1399 Horizon Ave
Lafayette, CO USA 80026

Tincture: PM Formula CBN

Batch ID or Lot Number: 24T8100507	Test, Test ID and Methods: Various	Matrix: Finished Product	Page 1 of 7
Reported: 12Jul2024	Started: 11Jul2024	Received: 09Jul2024	


Heavy Metals - Colorado Compliance

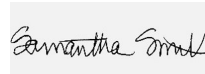
Test ID: T000285946

Methods: TM19 (ICP-MS): Heavy

Metals	Dynamic Range (ppm)	Result (ppm)	Notes
Arsenic	0.05 - 4.57	ND	
Cadmium	0.05 - 4.61	ND	
Mercury	0.05 - 4.68	ND	
Lead	0.05 - 4.74	ND	

Final Approval


Karen Winternheimer
12Jul2024
12:35:00 PM MDT
PREPARED BY / DATE


Sam Smith
12Jul2024
12:53:00 PM MDT
APPROVED BY / DATE

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Residual Solvents - Colorado Compliance


Test ID: T000285947

Methods: TM04 (GC-MS): Residual

Solvents	Dynamic Range (ppm)	Result (ppm)	Notes
Propane	82 - 1641	ND	
Butanes (Isobutane, n-Butane)	176 - 3512	ND	
Methanol	64 - 1285	ND	
Pentane	95 - 1895	ND	
Ethanol	92 - 1845	ND	
Acetone	108 - 2150	ND	
Isopropyl Alcohol	101 - 2017	ND	
Hexane	7 - 134	ND	
Ethyl Acetate	107 - 2136	ND	
Benzene	0.2 - 4.2	ND	
Heptanes	104 - 2071	ND	
Toluene	18 - 360	ND	
Xylenes (m,p,o-Xylenes)	117 - 2344	ND	

Final Approval


 Karen Winternheimer
 15Jul2024
 08:36:00 AM MDT
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 Sam Smith
 15Jul2024
 08:38:00 AM MDT
 APPROVED BY / DATE

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Mycotoxins - Colorado Compliance

Test ID: T000285948
Methods: TM18 (UHPLC-QQQ)

LCMS/MS: Mycotoxins	Dynamic Range (ppb)	Result (ppb)	Notes
Ochratoxin A	1.30 - 133.86	ND	N/A
Aflatoxin B1	0.99 - 32.24	ND	
Aflatoxin B2	1.08 - 32.53	ND	
Aflatoxin G1	1.14 - 32.30	ND	
Aflatoxin G2	1.05 - 32.43	ND	
Total Aflatoxins (B1, B2, G1, and G2)		ND	

Final Approval


Karen Winternheimer
15Jul2024
08:52:00 AM MDT
PREPARED BY / DATE


Sam Smith
15Jul2024
08:58:00 AM MDT
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Cannabinoids - Colorado Compliance


Test ID: T000285943

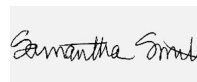
Methods: TM14 (HPLC-DAD): Potency – Standard

Cannabinoid Analysis

	LOD (%)	LOQ (%)	Result (%)	Result (mg/g)	Notes
Cannabichromene (CBC)	0.027	0.077	0.092	0.92	
Cannabichromenic Acid (CBCA)	0.025	0.070	ND	ND	
Cannabidiol (CBD)	0.063	0.243	3.351	33.51	
Cannabidiolic Acid (CBDA)	0.064	0.249	ND	ND	
Cannabidivarin (CBDV)	0.015	0.058	ND	ND	
Cannabidivarinic Acid (CBDVA)	0.027	0.104	ND	ND	
Cannabigerol (CBG)	0.015	0.044	0.078	0.78	
Cannabigerolic Acid (CBGA)	0.065	0.183	ND	ND	
Cannabinol (CBN)	0.020	0.057	1.019	10.19	
Cannabinolic Acid (CBNA)	0.044	0.125	ND	ND	
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	0.077	0.218	ND	ND	
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	0.070	0.198	ND	ND	
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	0.062	0.175	ND	ND	
Tetrahydrocannabivarin (THCV)	0.014	0.040	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	0.055	0.155	ND	ND	
Total Cannabinoids			4.540	45.40	
Total Potential THC			ND	ND	
Total Potential CBD			3.351	33.51	

Final Approval


Karen Winternheimer
15Jul2024
11:51:00 AM MDT
PREPARED BY / DATE


Sam Smith
15Jul2024
12:00:00 PM MDT
APPROVED BY / DATE

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Microbial Contaminants - Colorado Compliance

Test ID: T000285945
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


Brett Hudson
14Jul2024
10:17:00 AM MDT
PREPARED BY / DATE


Brianne Maillot
16Jul2024
02:59:00 PM MDT
APPROVED BY / DATE

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Pesticides


Test ID: T000285944

Methods: TM17

(LC-QQ LC MS/MS)	Dynamic Range (ppb)	Result (ppb)		Dynamic Range (ppb)	Result (ppb)	
Abamectin	502 - 2768	ND		Malathion	285 - 2680	ND
Acephate	40 - 2690	ND		Metalaxyl	43 - 2722	ND
Acetamiprid	42 - 2726	ND		Methiocarb	47 - 2756	ND
Azoxystrobin	44 - 2675	ND		Methomyl	42 - 2772	ND
Bifenazate	41 - 2667	ND		MGK 264 1	175 - 1616	ND
Boscalid	43 - 2724	ND		MGK 264 2	111 - 1102	ND
Carbaryl	41 - 2709	ND		Myclobutanil	44 - 2663	ND
Carbofuran	44 - 2692	ND		Naled	47 - 2617	ND
Chlorantraniliprole	52 - 2690	ND		Oxamyl	44 - 2780	ND
Chlorpyrifos	36 - 2717	ND		Paclobutrazol	40 - 2653	ND
Clofentezine	280 - 2701	ND		Permethrin	240 - 2738	ND
Diazinon	272 - 2714	ND		Phosmet	40 - 2555	ND
Dichlorvos	290 - 2763	ND		Prophos	282 - 2769	ND
Dimethoate	45 - 2738	ND		Propoxur	42 - 2698	ND
E-Fenpyroximate	267 - 2757	ND		Pyridaben	277 - 2785	ND
Etofenprox	41 - 2756	ND		Spinosad A	31 - 2076	ND
Etoxazole	264 - 2681	ND		Spinosad D	63 - 674	ND
Fenoxycarb	22 - 2695	ND		Spiromesifen	249 - 2759	ND
Fipronil	43 - 2719	ND		Spirotetramat	287 - 2736	ND
Flonicamid	48 - 2722	ND		Spiroxamine 1	17 - 1033	ND
Fludioxonil	278 - 2753	ND		Spiroxamine 2	28 - 1634	ND
Hexythiazox	41 - 2730	ND		Tebuconazole	302 - 2680	ND
Imazalil	279 - 2730	ND		Thiacloprid	43 - 2778	ND
Imidacloprid	45 - 2785	ND		Thiamethoxam	44 - 2754	ND
Kresoxim-methyl	44 - 2746	ND		Trifloxystrobin	41 - 2716	ND

Final Approval


 Sam Smith
 18Jul2024
 02:14:00 PM MDT
 PREPARED BY / DATE


 Karen Winternheimer
 18Jul2024
 02:17:00 PM MDT
 APPROVED BY / DATE

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<https://results.botanacor.com/api/v1/coas/uuid/dc97e682-077c-450b-8cd7-546dcbf53343>

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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