

Prepared for:

LET IT GROW HEMP

3000mg CBN:CBD Sleep Tincture

Batch ID or Lot Number: 102122	Test, Test ID and Methods: Various	Matrix: Unit	Page 1 of 6
Reported: 28Oct2022	Started: 27Oct2022	Received: 26Oct2022	


Cannabinoids - Colorado Compliance

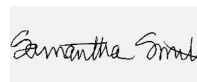
Test ID: T000225871

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

Cannabinoid Analysis	LOD (mg)	LOQ (mg)	Result (mg)	Result (mg/g)	Notes
Cannabichromene (CBC)	11.181	30.301	<LOQ	0.89	# of Servings = 1 Sample Weight=29.5g
Cannabichromenic Acid (CBCA)	10.226	27.715	ND	ND	
Cannabidiol (CBD)	25.221	83.010	1588.540	53.85	
Cannabidiolic Acid (CBDA)	25.868	85.139	ND	ND	
Cannabidivarin (CBDV)	5.965	19.633	ND	ND	
Cannabidivarinic Acid (CBDVA)	10.791	35.516	ND	ND	
Cannabigerol (CBG)	6.348	17.204	<LOQ	0.35	
Cannabigerolic Acid (CBGA)	26.537	71.918	ND	ND	
Cannabinol (CBN)	8.282	22.444	1733.027	58.75	
Cannabinolic Acid (CBNA)	18.105	49.068	ND	ND	
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	31.615	85.680	ND	ND	
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	28.712	77.814	36.361	1.23	
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	25.439	68.943	ND	ND	
Tetrahydrocannabivarin (THCV)	5.774	15.648	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	22.438	60.810	ND	ND	
Total Cannabinoids			3394.633	115.07	
Total Potential THC			36.361	1.23	
Total Potential CBD			1588.540	53.85	

Final Approval


 Karen Winternheimer
 28Oct2022
 03:01:00 PM MDT
 PREPARED BY / DATE


 Sam Smith
 28Oct2022
 03:04:00 PM MDT
 APPROVED BY / DATE

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Pesticides


Test ID: T000225872

Methods: TM17

(LC-QQ LC MS/MS)	Dynamic Range (ppb)	Result (ppb)		Dynamic Range (ppb)	Result (ppb)	
Abamectin	318 - 2745	ND		Malathion	286 - 2743	ND
Acephate	41 - 2764	ND		Metalaxyl	38 - 2771	ND
Acetamiprid	39 - 2738	ND		Methiocarb	39 - 2738	ND
Azoxystrobin	40 - 2744	ND		Methomyl	38 - 2761	ND
Bifenazate	36 - 2738	ND		MGK 264 1	169 - 1610	ND
Boscalid	37 - 2740	ND		MGK 264 2	116 - 1114	ND
Carbaryl	38 - 2693	ND		Myclobutanil	47 - 2783	ND
Carbofuran	38 - 2698	ND		Naled	45 - 2724	ND
Chlorantraniliprole	40 - 2758	ND		Oxamyl	39 - 2753	ND
Chlorpyrifos	36 - 2762	ND		Paclobutrazol	41 - 2677	ND
Clofentezine	280 - 2722	ND		Permethrin	296 - 2750	ND
Diazinon	276 - 2751	ND		Phosmet	37 - 2752	ND
Dichlorvos	269 - 2783	ND		Prophos	302 - 2738	ND
Dimethoate	38 - 2733	ND		Propoxur	38 - 2700	ND
E-Fenpyroximate	300 - 2707	ND		Pyridaben	292 - 2656	ND
Etofenprox	40 - 2716	ND		Spinosad A	30 - 2241	ND
Etoxazole	297 - 2696	ND		Spinosad D	51 - 498	ND
Fenoxycarb	40 - 2744	ND		Spiromesifen	285 - 2742	ND
Fipronil	43 - 2785	ND		Spirotetramat	284 - 2760	ND
Flonicamid	45 - 2740	ND		Spiroxamine 1	17 - 1176	ND
Fludioxonil	288 - 2735	ND		Spiroxamine 2	18 - 1577	ND
Hexythiazox	38 - 2736	ND		Tebuconazole	285 - 2721	ND
Imazalil	281 - 2797	ND		Thiacloprid	40 - 2749	ND
Imidacloprid	44 - 2749	ND		Thiamethoxam	42 - 2747	ND
Kresoxim-methyl	39 - 2762	ND		Trifloxystrobin	41 - 2717	ND

Final Approval


 Karen Winternheimer
 29Oct2022
 02:02:00 PM MDT
 PREPARED BY / DATE


 Sam Smith
 29Oct2022
 02:04:00 PM MDT
 APPROVED BY / DATE

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**Heavy Metals -
Colorado Compliance**

Test ID: T000225874
Methods: TM19 (ICP-MS): Heavy

Metals	Dynamic Range (ppm)	Result (ppm)	Notes
Arsenic	0.04 - 3.95	ND	
Cadmium	0.04 - 4.02	ND	
Mercury	0.04 - 4.26	ND	
Lead	0.04 - 4.40	ND	

Final Approval


PREPARED BY / DATE
Sam Smith
31Oct2022
08:23:00 AM MDT


APPROVED BY / DATE
Karen Winternheimer
31Oct2022
08:28:00 AM MDT

Prepared for:
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**Residual Solvents -
Colorado Compliance**


Test ID: T000225875

Methods: TM04 (GC-MS): Residual

Solvents	Dynamic Range (ppm)	Result (ppm)	Notes
Propane	104 - 2074	ND	
Butanes (Isobutane, n-Butane)	207 - 4145	ND	
Methanol	65 - 1304	ND	
Pentane	109 - 2174	ND	
Ethanol	106 - 2120	ND	
Acetone	109 - 2176	ND	
Isopropyl Alcohol	113 - 2250	ND	
Hexane	6 - 129	ND	
Ethyl Acetate	109 - 2172	ND	
Benzene	0.2 - 4.3	ND	
Heptanes	109 - 2190	ND	
Toluene	20 - 391	ND	
Xylenes (m,p,o-Xylenes)	142 - 2836	ND	

Final Approval


 Karen Winternheimer
 01Nov2022
 07:32:00 AM MDT
 PREPARED BY / DATE


 Sam Smith
 01Nov2022
 07:36:00 AM MDT
 APPROVED BY / DATE

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Microbial Contaminants - Colorado Compliance

Test ID: T000225873
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
30Oct2022
11:11:00 AM MDT


Brianne Maillot
01Nov2022
10:01:00 AM MDT

PREPARED BY / DATE


APPROVED BY / DATE

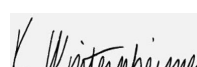
Mycotoxins - Colorado Compliance

Test ID: T000225876
Methods: TM18 (UHPLC-QQQ LCMS/MS): Mycotoxins

	Dynamic Range (ppb)	Result (ppb)	Notes
Ochratoxin A	3.88 - 127.15	ND	N/A
Aflatoxin B1	0.90 - 32.60	ND	
Aflatoxin B2	0.93 - 32.92	ND	
Aflatoxin G1	0.96 - 32.31	ND	
Aflatoxin G2	0.96 - 33.14	ND	
Total Aflatoxins (B1, B2, G1, and G2)		ND	

Final Approval


Sam Smith
01Nov2022
08:27:00 AM MDT


Karen Winternheimer
01Nov2022
08:34:00 AM MDT

PREPARED BY / DATE

APPROVED BY / DATE

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<https://results.botanacor.com/api/v1/coas/uuid/e4cdf6df-5dd9-4b3b-9c77-38e5933e7bb4>

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](#).



Cert #4329.02

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