

Prepared for:
LET IT GROW HEMP

2000mg CBN:CBD Sleep Gummies

Batch ID or Lot Number: 71423	Test, Test ID and Methods: Various	Matrix: Unit	Page 1 of 6
Reported: 25Jul2023	Started: 25Jul2023	Received: 24Jul2023	


Cannabinoids - Colorado Compliance


Test ID: T000249279

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

Cannabinoid Analysis	LOD (mg)	LOQ (mg)	Result (mg)	Result (mg/g)	Notes
Cannabichromene (CBC)	0.225	0.762	ND	ND	# of Servings = 1 Sample Weight=3.5g
Cannabichromenic Acid (CBCA)	0.206	0.697	ND	ND	
Cannabidiol (CBD)	0.743	2.032	55.152	15.76	
Cannabidiolic Acid (CBDA)	0.762	2.084	ND	ND	
Cannabidivarin (CBDV)	0.176	0.481	<LOQ	<LOQ	
Cannabidivarinic Acid (CBDVA)	0.318	0.869	ND	ND	
Cannabigerol (CBG)	0.128	0.432	1.831	0.52	
Cannabigerolic Acid (CBGA)	0.534	1.808	ND	ND	
Cannabinol (CBN)	0.167	0.564	57.830	16.52	
Cannabinolic Acid (CBNA)	0.364	1.233	ND	ND	
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	0.636	2.153	ND	ND	
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	0.578	1.956	ND	ND	
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	0.512	1.733	ND	ND	
Tetrahydrocannabivarin (THCV)	0.116	0.393	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	0.452	1.528	ND	ND	
Total Cannabinoids			114.813	32.80	
Total Potential THC			ND	ND	
Total Potential CBD			55.152	15.76	

Final Approval


 Sam Smith
 25Jul2023
 02:02:00 PM MDT
 PREPARED BY / DATE


 Karen Winternheimer
 25Jul2023
 02:06:00 PM MDT
 APPROVED BY / DATE

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**Residual Solvents -
Colorado Compliance**

Test ID: T000249283
Methods: TM04 (GC-MS): Residual

Solvents	Dynamic Range (ppm)	Result (ppm)	Notes
Propane	103 - 2070	ND	
Butanes (Isobutane, n-Butane)	201 - 4012	ND	
Methanol	63 - 1252	ND	
Pentane	101 - 2023	ND	
Ethanol	104 - 2071	ND	
Acetone	102 - 2039	ND	
Isopropyl Alcohol	106 - 2118	ND	
Hexane	6 - 123	ND	
Ethyl Acetate	102 - 2042	ND	
Benzene	0.2 - 4.0	ND	
Heptanes	100 - 2007	ND	
Toluene	18 - 368	ND	
Xylenes (m,p,o-Xylenes)	135 - 2709	ND	

Final Approval


 Karen Winternheimer
 26Jul2023
 10:25:00 AM MDT
 PREPARED BY / DATE


 Sam Smith
 26Jul2023
 10:27:00 AM MDT
 APPROVED BY / DATE

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Mycotoxins - Colorado Compliance

Test ID: T000249284
Methods: TM18 (UHPLC-QQQ)
LCMS/MS: Mycotoxins

	Dynamic Range (ppb)	Result (ppb)	Notes
Ochratoxin A	2.37 - 132.48	ND	N/A
Aflatoxin B1	0.92 - 31.47	ND	
Aflatoxin B2	1.08 - 31.50	ND	
Aflatoxin G1	1.17 - 31.41	ND	
Aflatoxin G2	1.08 - 31.72	ND	
Total Aflatoxins (B1, B2, G1, and G2)		ND	

Final Approval


Sam Smith
27Jul2023
07:32:00 AM MDT
PREPARED BY / DATE



Karen Winternheimer
27Jul2023
07:37:00 AM MDT
APPROVED BY / DATE

Microbial Contaminants - Colorado Compliance

Test ID: T000249281
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


Brienne Maillot
28Jul2023
09:54:00 AM MDT
PREPARED BY / DATE


Eden Thompson-Wright
28Jul2023
12:25:00 PM MDT
APPROVED BY / DATE

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Pesticides


Test ID: T000249280

Methods: TM17

(LC-QQ LC MS/MS)	Dynamic Range (ppb)	Result (ppb)		Dynamic Range (ppb)	Result (ppb)	
Abamectin	268 - 2844	ND		Malathion	284 - 2765	ND
Acephate	42 - 2750	ND		Metalaxyl	42 - 2747	ND
Acetamiprid	41 - 2769	ND		Methiocarb	42 - 2785	ND
Azoxystrobin	42 - 2753	ND		Methomyl	39 - 2784	ND
Bifenazate	45 - 2725	ND		MGK 264 1	161 - 1688	ND
Boscalid	46 - 2724	ND		MGK 264 2	107 - 1070	ND
Carbaryl	43 - 2733	ND		Myclobutanil	48 - 2763	ND
Carbofuran	43 - 2729	ND		Naled	49 - 2738	ND
Chlorantraniliprole	39 - 2751	ND		Oxamyl	40 - 2789	ND
Chlorpyrifos	42 - 2743	ND		Paclobutrazol	42 - 2713	ND
Clofentezine	278 - 2762	ND		Permethrin	276 - 2768	ND
Diazinon	302 - 2751	ND		Phosmet	42 - 2738	ND
Dichlorvos	272 - 2804	ND		Prophos	279 - 2785	ND
Dimethoate	40 - 2747	ND		Propoxur	42 - 2722	ND
E-Fenpyroximate	295 - 2751	ND		Pyridaben	301 - 2699	ND
Etofenprox	44 - 2734	ND		Spinosad A	28 - 2095	ND
Etoxazole	300 - 2724	ND		Spinosad D	66 - 664	ND
Fenoxycarb	2 - 2727	ND		Spiromesifen	294 - 2738	ND
Fipronil	52 - 2695	ND		Spirotetramat	295 - 2805	ND
Flonicamid	45 - 2783	ND		Spiroxamine 1	18 - 1248	ND
Fludioxonil	294 - 2761	ND		Spiroxamine 2	22 - 1532	ND
Hexythiazox	44 - 2740	ND		Tebuconazole	284 - 2736	ND
Imazalil	277 - 2786	ND		Thiacloprid	41 - 2741	ND
Imidacloprid	42 - 2796	ND		Thiamethoxam	39 - 2796	ND
Kresoxim-methyl	46 - 2746	ND		Trifloxystrobin	43 - 2712	ND

Final Approval


 Sam Smith
 28Jul2023
 12:20:00 PM MDT
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 Karen Winternheimer
 28Jul2023
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Heavy Metals - Colorado Compliance

Test ID: T000249282
Methods: TM19 (ICP-MS): Heavy

Metals	Dynamic Range (ppm)	Result (ppm)	Notes
Arsenic	0.05 - 4.66	ND	
Cadmium	0.05 - 4.55	ND	
Mercury	0.05 - 4.64	ND	
Lead	0.04 - 4.44	ND	

Final Approval


Samantha Smith
31Jul2023
12:41:00 PM MDT
PREPARED BY / DATE


Karen Winternheimer
31Jul2023
12:44:00 PM MDT
APPROVED BY / DATE



<https://results.botanacor.com/api/v1/coas/uuid/f7a9d19d-97c6-484e-9f28-10c06876bceb>

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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