

Prepared for:
LET IT GROW HEMP

2000mg CBN:CBD Sleep Gummies


Batch ID or Lot Number: 11722	Test, Test ID and Methods: Various	Matrix: Concentrate	Page 1 of 6
Reported: 17Nov2022	Started: 16Nov2022	Received: 15Nov2022	


**Residual Solvents -
Colorado Compliance**

Test ID: T000227773
Methods: TM04 (GC-MS): Residual

Solvents	Dynamic Range (ppm)	Result (ppm)	Notes
Propane	94 - 1884	ND	
Butanes (Isobutane, n-Butane)	190 - 3794	ND	
Methanol	55 - 1103	ND	
Pentane	101 - 2019	ND	
Ethanol	88 - 1765	ND	
Acetone	94 - 1881	ND	
Isopropyl Alcohol	91 - 1810	ND	
Hexane	6 - 119	ND	
Ethyl Acetate	93 - 1857	ND	
Benzene	0.2 - 3.8	ND	
Heptanes	98 - 1951	ND	
Toluene	16 - 312	ND	
Xylenes (m,p,o-Xylenes)	111 - 2229	ND	

Final Approval


 Karen Winternheimer
 17Nov2022
 06:35:00 AM MST
 PREPARED BY / DATE


 Sam Smith
 17Nov2022
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Mycotoxins - Colorado Compliance

Test ID: T000227774
Methods: TM18 (UHPLC-QQQ)
LCMS/MS: Mycotoxins

	Dynamic Range (ppb)	Result (ppb)	Notes
Ochratoxin A	4.74 - 119.11	ND	N/A
Aflatoxin B1	0.86 - 29.70	ND	
Aflatoxin B2	0.95 - 29.79	ND	
Aflatoxin G1	0.98 - 30.15	ND	
Aflatoxin G2	1.04 - 29.82	ND	
Total Aflatoxins (B1, B2, G1, and G2)		ND	

Final Approval


Sam Smith
17Nov2022
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Karen Winternheimer
17Nov2022
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Heavy Metals - Colorado Compliance

Test ID: T000227772
Methods: TM19 (ICP-MS): Heavy Metals

	Dynamic Range (ppm)	Result (ppm)	Notes
Arsenic	0.04 - 3.65	ND	
Cadmium	0.03 - 3.49	ND	
Mercury	0.03 - 3.47	ND	
Lead	0.03 - 3.24	ND	

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Cannabinoids - Colorado Compliance


Test ID: T000227769


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

Cannabinoid Analysis

	LOD (mg)	LOQ (mg)	Result (mg)	Result (mg/g)	Notes
Cannabichromene (CBC)	0.347	0.955	ND	ND	# of Servings = 1 Sample Weight=3.5g
Cannabichromenic Acid (CBCA)	0.317	0.874	ND	ND	
Cannabidiol (CBD)	0.784	2.648	52.835	15.10	
Cannabidiolic Acid (CBDA)	0.804	2.716	ND	ND	
Cannabidivarin (CBDV)	0.185	0.626	ND	ND	
Cannabidivarinic Acid (CBDVA)	0.335	1.133	ND	ND	
Cannabigerol (CBG)	0.197	0.542	ND	ND	
Cannabigerolic Acid (CBGA)	0.823	2.267	ND	ND	
Cannabinol (CBN)	0.257	0.708	55.007	15.72	
Cannabinolic Acid (CBNA)	0.561	1.547	ND	ND	
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	0.980	2.701	ND	ND	
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	0.890	2.453	ND	ND	
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	0.789	2.174	ND	ND	
Tetrahydrocannabivarin (THCV)	0.179	0.493	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	0.696	1.917	ND	ND	
Total Cannabinoids			107.842	30.82	
Total Potential THC			ND	ND	
Total Potential CBD			52.835	15.10	

Final Approval


Sam Smith
17Nov2022
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Karen Winternheimer
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Pesticides


Test ID: T000227770

Methods: TM17

(LC-QQ LC MS/MS)	Dynamic Range (ppb)	Result (ppb)		Dynamic Range (ppb)	Result (ppb)	
Abamectin	306 - 2569	ND		Malathion	283 - 2728	ND
Acephate	43 - 2750	ND		Metalaxyl	42 - 2725	ND
Acetamiprid	43 - 2732	ND		Methiocarb	42 - 2693	ND
Azoxystrobin	43 - 2730	ND		Methomyl	40 - 2708	ND
Bifenazate	37 - 2709	ND		MGK 264 1	178 - 1588	ND
Boscalid	39 - 2710	ND		MGK 264 2	117 - 1142	ND
Carbaryl	41 - 2726	ND		Myclobutanil	48 - 2702	ND
Carbofuran	41 - 2730	ND		Naled	42 - 2747	ND
Chlorantraniliprole	42 - 2723	ND		Oxamyl	41 - 2725	ND
Chlorpyrifos	35 - 2774	ND		Paclobutrazol	41 - 2721	ND
Clofentezine	272 - 2769	ND		Permethrin	300 - 2735	ND
Diazinon	277 - 2737	ND		Phosmet	37 - 2712	ND
Dichlorvos	266 - 2748	ND		Prophos	280 - 2694	ND
Dimethoate	40 - 2718	ND		Propoxur	40 - 2733	ND
E-Fenpyroximate	298 - 2753	ND		Pyridaben	289 - 2666	ND
Etofenprox	44 - 2646	ND		Spinosad A	32 - 2240	ND
Etoazole	306 - 2736	ND		Spinosad D	52 - 484	ND
Fenoxycarb	39 - 2746	ND		Spiromesifen	279 - 2775	ND
Fipronil	46 - 2803	ND		Spirotetramat	281 - 2719	ND
Flonicamid	49 - 2690	ND		Spiroxamine 1	18 - 1172	ND
Fludioxonil	291 - 2678	ND		Spiroxamine 2	22 - 1536	ND
Hexythiazox	40 - 2758	ND		Tebuconazole	278 - 2723	ND
Imazalil	261 - 2768	ND		Thiacloprid	41 - 2728	ND
Imidacloprid	46 - 2747	ND		Thiamethoxam	38 - 2751	ND
Kresoxim-methyl	44 - 2758	ND		Trifloxystrobin	42 - 2766	ND

Final Approval


 Sam Smith
 21Nov2022
 01:36:00 PM MST
 PREPARED BY / DATE


 Karen Winternheimer
 21Nov2022
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Microbial Contaminants - Colorado Compliance

Test ID: T000227771
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
20Nov2022
12:44:00 PM MST

PREPARED BY / DATE


Brianne Maillot
21Nov2022
04:21:00 PM MST

APPROVED BY / DATE



<https://results.botanacor.com/api/v1/coas/uuid/149d248a-c72c-4b48-b0bd-9f1b80ab1879>

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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