

Prepared for:  
**LET IT GROW HEMP**

## 3000mg CBN:CBD Sleep Tincture


Batch ID or Lot Number: <b>3929</b>	Test, Test ID and Methods: Various	Matrix: Unit Co	Page 1 of 6
Reported: <b>14Mar2023</b>	Started: 14Mar2023	Received: 10Mar2023	

### Heavy Metals - Colorado Compliance


Test ID: T000238288  
Methods: TM19 (ICP-MS): Heavy Metals

Metals	Dynamic Range (ppm)	Result (ppm)	Notes
Arsenic	0.04 - 4.37	ND	
Cadmium	0.04 - 4.41	ND	
Mercury	0.04 - 4.03	ND	
Lead	0.04 - 4.32	ND	

#### Final Approval

  
Sam Smith  
14Mar2023  
02:41:00 PM MDT

PREPARED BY / DATE

  
Karen Winternheimer  
14Mar2023  
02:44:00 PM MDT

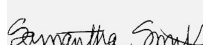
APPROVED BY / DATE

### Cannabinoids - Colorado Compliance

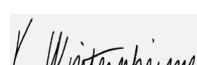
Test ID: T000238285  
Methods: TM14 (HPLC-DAD): Potency - Standard

Cannabinoid Analysis	LOD (mg)	LOQ (mg)	Result (mg)	Result (mg/g)	Notes
Cannabichromene (CBC)	8.464	25.676	27.040	0.92	# of Servings = 1 Sample Weight=29.5g
Cannabichromenic Acid (CBCA)	7.742	23.485	ND	ND	
Cannabidiol (CBD)	24.113	72.043	1844.405	62.52	
Cannabidiolic Acid (CBDA)	24.731	73.891	ND	ND	
Cannabidivarin (CBDV)	5.703	17.039	ND	ND	
Cannabidivarinic Acid (CBDVA)	10.317	30.824	ND	ND	
Cannabigerol (CBG)	4.806	14.578	ND	ND	
Cannabigerolic Acid (CBGA)	20.090	60.941	ND	ND	
Cannabinol (CBN)	6.270	19.018	1812.781	61.45	
Cannabinolic Acid (CBNA)	13.707	41.578	ND	ND	
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	23.934	72.603	ND	ND	
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	21.737	65.937	<LOQ	<LOQ	
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	19.259	58.420	ND	ND	
Tetrahydrocannabivarin (THCV)	4.371	13.260	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	16.987	51.529	ND	ND	
<b>Total Cannabinoids</b>			<b>3684.226</b>	<b>124.89</b>	
Total Potential THC			<LOQ	<LOQ	
Total Potential CBD			1844.405	62.52	

#### Final Approval

  
Sam Smith  
15Mar2023  
06:32:00 PM MDT

PREPARED BY / DATE

  
Karen Winternheimer  
15Mar2023  
06:36:00 PM MDT

APPROVED BY / DATE

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**Residual Solvents -  
Colorado Compliance**

Test ID: T000238289  
Methods: TM04 (GC-MS): Residual

Solvents	Dynamic Range (ppm)	Result (ppm)	Notes
Propane	101 - 2030	ND	
Butanes (Isobutane, n-Butane)	210 - 4204	ND	
Methanol	63 - 1255	ND	
Pentane	105 - 2103	ND	
Ethanol	108 - 2157	180	
Acetone	104 - 2086	ND	
Isopropyl Alcohol	111 - 2214	ND	
Hexane	6 - 127	ND	
Ethyl Acetate	106 - 2121	ND	
Benzene	0.2 - 4.3	ND	
Heptanes	105 - 2093	ND	
Toluene	18 - 366	ND	
Xylenes (m,p,o-Xylenes)	139 - 2786	ND	

**Final Approval**

  
Karen Winternheimer  
15Mar2023  
03:58:00 PM MDT  
PREPARED BY / DATE

  
Sam Smith  
15Mar2023  
04:00:00 PM MDT  
APPROVED BY / DATE

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## Mycotoxins - Colorado Compliance


Test ID: T000238290

Methods: TM18 (UHPLC-QQQ)

LCMS/MS: Mycotoxins

	Dynamic Range (ppb)	Result (ppb)	Notes
Ochratoxin A	3.01 - 138.29	ND	N/A
Aflatoxin B1	0.97 - 34.04	ND	
Aflatoxin B2	1.07 - 34.01	ND	
Aflatoxin G1	1.03 - 33.91	ND	
Aflatoxin G2	1.20 - 34.23	ND	
Total Aflatoxins (B1, B2, G1, and G2)		ND	

### Final Approval

  
Samantha Smith  
16Mar2023  
07:42:00 AM MDT  
PREPARED BY / DATE

  
Karen Winternheimer  
16Mar2023  
07:51:00 AM MDT  
APPROVED BY / DATE

## Microbial Contaminants - Colorado Compliance

Test ID: T000238287


Methods: TM25 (qPCR) TM24, TM26,

TM27 (Culture Plating): Microbial

(Colorado Panel)

	Method	LOD	Quantitation Range	Result	Notes
STEC	TM25: PCR	10 <sup>0</sup> CFU/25g	NA	Absent	Free from visual mold, mildew, and foreign matter
Salmonella	TM25: PCR	10 <sup>0</sup> CFU/25g	NA	Absent	
Total Yeast and Mold*	TM24: Culture Plating	10 <sup>1</sup> CFU/g	1.0x10 <sup>2</sup> - 1.5x10 <sup>4</sup>	None Detected	
Total Aerobic Count*	TM26: Culture Plating	10 <sup>2</sup> CFU/g	1.0x10 <sup>3</sup> - 1.5x10 <sup>5</sup>	None Detected	
Total Coliforms*	TM27: Culture Plating	10 <sup>1</sup> CFU/g	1.0x10 <sup>2</sup> - 1.5x10 <sup>4</sup>	None Detected	

### Final Approval

  
Brett Hudson  
16Mar2023  
03:07:00 PM MDT  
PREPARED BY / DATE

  
Eden Thompson-Wright  
16Mar2023  
04:27:00 PM MDT  
APPROVED BY / DATE

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### Pesticides


Test ID: T000238286

Methods: TM17

(LC-QQ LC MS/MS)	Dynamic Range (ppb)	Result (ppb)	Dynamic Range (ppb)	Result (ppb)	
Abamectin	246 - 2812	ND	Malathion	290 - 2749	ND
Acephate	4 - 2886	ND	Metalaxyl	43 - 2740	ND
Acetamiprid	41 - 2804	ND	Methiocarb	43 - 2686	ND
Azoxystrobin	44 - 2708	ND	Methomyl	40 - 2828	ND
Bifenazate	40 - 2740	ND	MGK 264 1	168 - 1584	ND
Boscalid	47 - 2720	ND	MGK 264 2	119 - 1134	ND
Carbaryl	42 - 2736	ND	Myclobutanil	43 - 2705	ND
Carbofuran	42 - 2738	ND	Naled	53 - 2727	ND
Chlorantraniliprole	46 - 2715	ND	Oxamyl	37 - 2844	ND
Chlorpyrifos	41 - 2813	ND	Paclobutrazol	45 - 2708	ND
Clofentezine	285 - 2756	ND	Permethrin	292 - 2783	ND
Diazinon	287 - 2720	ND	Phosmet	43 - 2724	ND
Dichlorvos	335 - 2743	ND	Prophos	310 - 2705	ND
Dimethoate	40 - 2804	ND	Propoxur	43 - 2723	ND
E-Fenpyroximate	288 - 2741	ND	Pyridaben	296 - 2748	ND
Etofenprox	45 - 2768	ND	Spinosad A	34 - 2233	ND
Etoazole	297 - 2721	ND	Spinosad D	49 - 482	ND
Fenoxycarb	37 - 2712	ND	Spiromesifen	286 - 2780	ND
Fipronil	30 - 2770	ND	Spirotetramat	288 - 2772	ND
Flonicamid	26 - 2866	ND	Spiroxamine 1	18 - 1159	ND
Fludioxonil	309 - 2734	ND	Spiroxamine 2	22 - 1522	ND
Hexythiazox	44 - 2735	ND	Tebuconazole	300 - 2707	ND
Imazalil	277 - 2771	ND	Thiacloprid	39 - 2796	ND
Imidacloprid	43 - 2831	ND	Thiamethoxam	41 - 2846	ND
Kresoxim-methyl	20 - 2746	ND	Trifloxystrobin	44 - 2742	ND

### Final Approval

  
 Karen Winternheimer  
 23Mar2023  
 08:48:00 AM MDT  
 PREPARED BY / DATE

  
 Sam Smith  
 23Mar2023  
 08:51:00 AM MDT  
 APPROVED BY / DATE

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<https://results.botanacor.com/api/v1/coas/uuid/476e1e36-d2ce-48ac-b65e-92253cb924cd>

**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<sup>2</sup> = 100 CFU, 10<sup>3</sup> = 1,000 CFU, 10<sup>4</sup> = 10,000 CFU, 10<sup>5</sup> = 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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476e1e36d2ce48acb65e92253cb924cd.1