

Prepared for:  
**LET IT GROW HEMP**

## 4500mg Full Spectrum Natural

Batch ID or Lot Number: <b>91122</b>	Test, Test ID and Methods: Various	Matrix: Unit	Page 1 of 6
Reported: <b>27Sep2022</b>	Started: 27Sep2022	Received: 23Sep2022	

## Cannabinoids - Colorado Compliance

Test ID: T000222444  
Methods: TM14 (HPLC-DAD): Potency - Standard  
Cannabinoid Analysis

	LOD (mg)	LOQ (mg)	Result (mg)	Result (mg/g)	Notes
Cannabichromene (CBC)	4.887	15.847	35.653	1.23	# of Servings = 1 Sample Weight=29g
Cannabichromenic Acid (CBCA)	4.470	14.495	ND	ND	
Cannabidiol (CBD)	13.396	41.331	4821.053	166.24	
Cannabidiolic Acid (CBDA)	13.740	42.391	ND	ND	
Cannabidivarin (CBDV)	3.168	9.775	16.789	0.58	
Cannabidivarinic Acid (CBDVA)	5.732	17.683	ND	ND	
Cannabigerol (CBG)	2.775	8.998	14.743	0.51	
Cannabigerolic Acid (CBGA)	11.600	37.613	ND	ND	
Cannabinol (CBN)	3.620	11.738	<LOQ	0.14	
Cannabinolic Acid (CBNA)	7.915	25.662	ND	ND	
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	13.820	44.811	ND	ND	
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	12.551	40.696	49.126	1.69	
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	11.121	36.057	ND	ND	
Tetrahydrocannabivarin (THCV)	2.524	8.184	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	9.809	31.804	ND	ND	
<b>Total Cannabinoids</b>			<b>4941.315</b>	<b>170.39</b>	
Total Potential THC			49.126	1.69	
Total Potential CBD			4821.053	166.24	

### Final Approval

  
Sam Smith  
28Sep2022  
06:18:00 PM MDT  
PREPARED BY / DATE

  
Jacob Miller  
28Sep2022  
06:20:00 PM MDT  
APPROVED BY / DATE

## Heavy Metals - Colorado Compliance

Test ID: T000222447  
Methods: TM19 (ICP-MS): Heavy Metals

Metals	Dynamic Range (ppm)	Result (ppm)	Notes
Arsenic	0.04 - 4.11	ND	
Cadmium	0.04 - 4.35	ND	
Mercury	0.04 - 4.42	ND	
Lead	0.04 - 4.12	ND	

### Final Approval

  
Sam Smith  
28Sep2022  
07:49:00 PM MDT  
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Daniel Weidensaul  
28Sep2022  
08:07:00 PM MDT  
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### Pesticides

Test ID: T000222445  
Methods: TM17

(LC-QQ LC MS/MS)	Dynamic Range (ppb)	Result (ppb)	Dynamic Range (ppb)	Result (ppb)	
Abamectin	258 - 2788	ND	Malathion	297 - 2704	ND
Acephate	40 - 2777	ND	Metalaxyl	46 - 2717	ND
Acetamiprid	43 - 2718	ND	Methiocarb	44 - 2745	ND
Azoxystrobin	50 - 2739	ND	Methomyl	41 - 2756	ND
Bifenazate	43 - 2730	ND	MGK 264 1	178 - 1652	ND
Boscalid	44 - 2781	ND	MGK 264 2	110 - 1142	ND
Carbaryl	41 - 2719	ND	Myclobutanil	35 - 2704	ND
Carbofuran	42 - 2717	ND	Naled	44 - 2816	ND
Chlorantraniliprole	46 - 2769	ND	Oxamyl	42 - 2743	ND
Chlorpyrifos	67 - 2697	ND	Paclobutrazol	42 - 2742	ND
Clofentezine	286 - 2773	ND	Permethrin	291 - 2737	ND
Diazinon	284 - 2700	ND	Phosmet	47 - 2722	ND
Dichlorvos	270 - 2744	ND	Prophos	304 - 2712	ND
Dimethoate	43 - 2711	ND	Propoxur	42 - 2737	ND
E-Fenpyroximate	299 - 2730	ND	Pyridaben	296 - 2663	ND
Etofenprox	42 - 2730	ND	Spinosad A	35 - 2256	ND
Etoxazole	300 - 2688	ND	Spinosad D	49 - 498	ND
Fenoxycarb	46 - 2726	ND	Spiromesifen	292 - 2721	ND
Fipronil	47 - 2671	ND	Spirotetramat	289 - 2803	ND
Fonicamid	44 - 2735	ND	Spiroxamine 1	19 - 1185	ND
Fludioxonil	282 - 2791	ND	Spiroxamine 2	24 - 1554	ND
Hexythiazox	43 - 2709	ND	Tebuconazole	286 - 2710	ND
Imazalil	277 - 2761	ND	Thiacloprid	42 - 2716	ND
Imidacloprid	41 - 2705	ND	Thiamethoxam	41 - 2745	ND
Kresoxim-methyl	47 - 2760	ND	Trifloxystrobin	45 - 2740	ND

### Final Approval

  
Daniel Weidensaul  
28Sep2022  
03:23:00 PM MDT  
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Sam Smith  
28Sep2022  
03:28:00 PM MDT  
APPROVED BY / DATE

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**Residual Solvents -  
Colorado Compliance**

Test ID: T000222448  
Methods: TM04 (GC-MS): Residual

Solvents	Dynamic Range (ppm)	Result (ppm)	Notes
Propane	103 - 2067	ND	
Butanes (Isobutane, n-Butane)	215 - 4302	ND	
Methanol	63 - 1259	ND	
Pentane	110 - 2204	ND	
Ethanol	94 - 1876	ND	
Acetone	105 - 2095	ND	
Isopropyl Alcohol	92 - 1850	ND	
Hexane	6 - 130	ND	
Ethyl Acetate	103 - 2053	ND	
Benzene	0.2 - 4.0	ND	
Heptanes	106 - 2123	ND	
Toluene	17 - 330	ND	
Xylenes (m,p,o-Xylenes)	109 - 2177	ND	

**Final Approval**

  
Karen Winternheimer  
29Sep2022  
03:32:00 PM MDT  
PREPARED BY / DATE

  
Jacob Miller  
29Sep2022  
03:35:00 PM MDT  
APPROVED BY / DATE

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### Microbial Contaminants - Colorado Compliance

Test ID: T000222446  
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
<i>Salmonella</i>	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

  
Jacob Folkerts  
29Sep2022  
02:31:00 PM MDT

PREPARED BY / DATE

  
Brett Hudson  
30Sep2022  
09:50:00 AM MDT

APPROVED BY / DATE

### Mycotoxins - Colorado Compliance

Test ID: T000222449  
Methods: TM18 (UHPLC-QQQ LCMS/MS): Mycotoxins

	Dynamic Range (ppb)	Result (ppb)	Notes
Ochratoxin A	1.67 - 120.88	ND	N/A
Aflatoxin B1	0.85 - 30.28	ND	
Aflatoxin B2	0.85 - 30.25	ND	
Aflatoxin G1	0.82 - 30.34	ND	
Aflatoxin G2	0.85 - 30.60	ND	
Total Aflatoxins (B1, B2, G1, and G2)		ND	

#### Final Approval

  
Jacob Miller  
30Sep2022  
11:09:00 AM MDT

PREPARED BY / DATE

  
Sam Smith  
30Sep2022  
11:13:00 AM MDT

APPROVED BY / DATE

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<https://results.botanacor.com/api/v1/coas/uuid/1a61b367-19a8-493d-8feb-282da3d024cc>

**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  $\times$  (0.877)) and Total CBD = CBD + (CBDa  $\times$  (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  $\times$  (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](#).



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