

Prepared for:
LET IT GROW HEMP

4500mg Full Spectrum Natural

Batch ID or Lot Number: 52261	Test, Test ID and Methods: Various	Matrix: Finished Product	Page 1 of 6
Reported: 11Apr2022	Started: 08Apr2022	Received: 07Apr2022	


Microbial Contaminants

Test ID: T000201554

Methods: TM25 (qPCR) TM24, TM26, TM27, TM28 (Culture Plating)

	Method	LOD	Quantitation Range	Result	Notes
STEC	TM25: PCR	10 ⁰ CFU/g	NA	Absent	Free from visual mold, mildew, and foreign matter
<i>Salmonella</i>	TM25: PCR	10 ⁰ CFU/g	NA	Absent	None Detected
Total Yeast and Mold*	TM24: Culture Plating	10 ¹ CFU/g	1.0x10 ² - 1.5x10 ⁴	None Detected	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
11Apr2022
03:33:00 PM MDT
PREPARED BY / DATE


Jackson Osaghae-Nosa
11Apr2022
04:22:00 PM MDT
APPROVED BY / DATE

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Cannabinoids

Test ID: T000201552

Methods: TM14 (HPLC-DAD)

	LOD (mg)	LOQ (mg)	Result (mg)	Result (mg/g)	Notes
Cannabichromene (CBC)	5.687	18.449	44.720	1.50	# of Servings = 1, Sample Weight=29g
Cannabichromenic Acid (CBCA)	5.202	16.875	ND	ND	
Cannabidiol (CBD)	14.555	44.955	5076.060	175.00	
Cannabidiolic Acid (CBDA)	14.928	46.108	ND	ND	
Cannabidivarin (CBDV)	3.442	10.632	14.300	0.50	
Cannabidivarinic Acid (CBDVA)	6.227	19.234	ND	ND	
Cannabigerol (CBG)	3.229	10.475	111.930	3.90	
Cannabigerolic Acid (CBGA)	13.498	43.788	ND	ND	
Cannabinol (CBN)	4.212	13.665	38.630	1.30	
Cannabinolic Acid (CBNA)	9.209	29.876	ND	ND	
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	16.081	52.168	ND	ND	
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	14.604	47.378	74.660	2.60	
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	12.940	41.977	ND	ND	
Tetrahydrocannabivarin (THCV)	2.937	9.528	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	11.413	37.025	ND	ND	
Total Cannabinoids			5360.300	184.84	
Total Potential THC			74.660	2.57	
Total Potential CBD			5076.060	175.04	

Final Approval


 Jacob Miller
 12Apr2022
 02:11:00 PM MDT
 PREPARED BY / DATE


 Ryan Weems
 12Apr2022
 02:12:00 PM MDT
 APPROVED BY / DATE

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Residual Solvents

Test ID: T000201556
Methods: TM04 (GC-MS): Residual

Solvents	Dynamic Range (ppm)	Result (ppm)	Notes
Propane	101 - 2026	ND	
Butanes (Isobutane, n-Butane)	196 - 3919	ND	
Methanol	69 - 1389	ND	
Pentane	102 - 2041	ND	
Ethanol	109 - 2183	ND	
Acetone	110 - 2208	ND	
Isopropyl Alcohol	116 - 2327	ND	
Hexane	7 - 134	ND	
Ethyl Acetate	112 - 2245	ND	
Benzene	0.2 - 4.6	ND	
Heptanes	109 - 2175	ND	
Toluene	21 - 412	ND	
Xylenes (m,p,o-Xylenes)	151 - 3017	ND	

Final Approval


PREPARED BY / DATE
Sam Smith
13Apr2022
12:52:00 PM MDT



APPROVED BY / DATE
Ryan Weems
13Apr2022
12:54:00 PM MDT

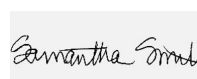
Heavy Metals

Test ID: T000201555
Methods: TM19 (ICP-MS): Heavy

Metals	Dynamic Range (ppm)	Result (ppm)	Notes
Arsenic	0.04 - 4.46	ND	
Cadmium	0.04 - 4.47	ND	
Mercury	0.04 - 4.46	ND	
Lead	0.04 - 4.27	ND	

Final Approval


PREPARED BY / DATE
Ryan Weems
13Apr2022
02:14:00 PM MDT


APPROVED BY / DATE
Sam Smith
13Apr2022
02:17:00 PM MDT

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Pesticides


Test ID: T000201553

Methods: TM17

(LC-QQ LC MS/MS)	Dynamic Range (ppb)	Result (ppb)		Dynamic Range (ppb)	Result (ppb)	
Abamectin	289 - 2822	ND		Malathion	283 - 2716	ND
Acephate	44 - 2813	ND		Metalaxyl	44 - 2711	ND
Acetamiprid	40 - 2789	ND		Methiocarb	39 - 2823	ND
Azoxystrobin	44 - 2675	ND		Methomyl	42 - 2808	ND
Bifenazate	41 - 2692	ND		MGK 264 1	217 - 1555	ND
Boscalid	39 - 2815	ND		MGK 264 2	114 - 1142	ND
Carbaryl	37 - 2722	ND		Myclobutanil	39 - 2806	ND
Carbofuran	43 - 2701	ND		Naled	45 - 2751	ND
Chlorantraniliprole	54 - 2785	ND		Oxamyl	40 - 2804	ND
Chlorpyrifos	41 - 2794	ND		Paclobutrazol	44 - 2722	ND
Clofentezine	287 - 2705	ND		Permethrin	270 - 2760	ND
Diazinon	269 - 2762	ND		Phosmet	44 - 2703	ND
Dichlorvos	323 - 2716	ND		Prophos	265 - 2815	ND
Dimethoate	39 - 2792	ND		Propoxur	41 - 2710	ND
E-Fenpyroximate	276 - 2768	ND		Pyridaben	268 - 2808	ND
Etofenprox	40 - 2758	ND		Spinosad A	34 - 2199	ND
Etoazole	281 - 2762	ND		Spinosad D	46 - 502	ND
Fenoxycarb	43 - 2714	ND		Spiromesifen	268 - 2813	ND
Fipronil	71 - 2669	ND		Spirotetramat	273 - 2673	ND
Flonicamid	46 - 2804	ND		Spiroxamine 1	17 - 1185	ND
Fludioxonil	276 - 2806	ND		Spiroxamine 2	23 - 1583	ND
Hexythiazox	40 - 2779	ND		Tebuconazole	264 - 2711	ND
Imazalil	268 - 2724	ND		Thiacloprid	37 - 2782	ND
Imidacloprid	47 - 2779	ND		Thiamethoxam	37 - 2798	ND
Kresoxim-methyl	42 - 2770	ND		Trifloxystrobin	44 - 2712	ND

Final Approval


 Sam Smith
 13Apr2022
 03:53:00 PM MDT
 PREPARED BY / DATE


 Daniel Weidensaul
 13Apr2022
 03:58:00 PM MDT
 APPROVED BY / DATE

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Mycotoxins

Test ID: T000201557
Methods: TM18 (UHPLC-QQQ)
LCMS/MS): Mycotoxins

	Dynamic Range (ppb)	Result (ppb)	Notes
Ochratoxin A	3.80 - 134.24	ND	N/A
Aflatoxin B1	1.27 - 33.47	ND	
Aflatoxin B2	1.17 - 33.73	ND	
Aflatoxin G1	1.04 - 33.54	ND	
Aflatoxin G2	1.07 - 33.44	ND	
Total Aflatoxins (B1, B2, G1, and G2)		ND	

Final Approval


Hannah Wright
15Apr2022
10:15:00 AM MDT
PREPARED BY / DATE


Ryan Weems
15Apr2022
10:19:00 AM MDT
APPROVED BY / DATE



<https://results.botanacor.com/api/v1/coas/uuid/bdb1fe01-43b8-4fea-ace2-b7d886c4e4cb>

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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