

Prepared for:  
**LET IT GROW HEMP**

## 4500mg Full Spectrum Mango

Batch ID or Lot Number: <b>52260</b>	Test, Test ID and Methods: Various	Matrix: Finished Product	Page 1 of 6
Reported: <b>11Apr2022</b>	Started: 08Apr2022	Received: 07Apr2022	

## Microbial Contaminants

Test ID: T000201548

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

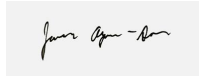
	Method	LOD	Quantitation Range	Result	Notes
STEC	TM25: PCR	10 <sup>0</sup> CFU/g	NA	Absent	Free from visual mold, mildew, and foreign matter
<i>Salmonella</i>	TM25: PCR	10 <sup>0</sup> CFU/g	NA	Absent	None Detected
Total Yeast and Mold*	TM24: Culture Plating	10 <sup>1</sup> CFU/g	1.0x10 <sup>2</sup> - 1.5x10 <sup>4</sup>	None Detected	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  
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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Reported: <b>11Apr2022</b>	Started: 08Apr2022	Received: 07Apr2022	

### Cannabinoids

Test ID: T000201546

Methods: TM14 (HPLC-DAD)

	LOD (mg)	LOQ (mg)	Result (mg)	Result (mg/g)	Notes
Cannabichromene (CBC)	5.802	18.823	43.370	1.50	# of Servings = 1, Sample Weight=29g
Cannabichromenic Acid (CBCA)	5.307	17.217	ND	ND	
Cannabidiol (CBD)	14.850	45.867	4887.920	168.50	
Cannabidiolic Acid (CBDA)	15.231	47.043	ND	ND	
Cannabidivarin (CBDV)	3.512	10.848	13.500	0.50	
Cannabidivarinic Acid (CBDVA)	6.354	19.624	ND	ND	
Cannabigerol (CBG)	3.294	10.687	108.300	3.70	
Cannabigerolic Acid (CBGA)	13.772	44.677	ND	ND	
Cannabinol (CBN)	4.298	13.942	38.250	1.30	
Cannabinolic Acid (CBNA)	9.396	30.482	ND	ND	
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	16.407	53.226	ND	ND	
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	14.901	48.339	73.380	2.50	
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	13.202	42.828	ND	ND	
Tetrahydrocannabivarin (THCV)	2.997	9.721	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	11.645	37.776	ND	ND	
<b>Total Cannabinoids</b>			<b>5164.720</b>	<b>178.09</b>	
Total Potential THC			73.380	2.53	
Total Potential CBD			4887.920	168.55	

### 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: T000201550


Methods: TM04 (GC-MS): Residual

Solvents	Dynamic Range (ppm)	Result (ppm)	Notes
Propane	108 - 2154	ND	
Butanes (Isobutane, n-Butane)	208 - 4166	ND	
Methanol	74 - 1477	ND	
Pentane	108 - 2170	ND	
Ethanol	116 - 2321	ND	
Acetone	117 - 2348	ND	
Isopropyl Alcohol	124 - 2473	ND	
Hexane	7 - 143	ND	
Ethyl Acetate	119 - 2386	ND	
Benzene	0.2 - 4.9	ND	
Heptanes	116 - 2312	ND	
Toluene	22 - 438	ND	
Xylenes (m,p,o-Xylenes)	160 - 3208	ND	

### Final Approval

  
Samantha Smith  
13Apr2022  
12:52:00 PM MDT

PREPARED BY / DATE

  
Ryan Weems  
13Apr2022  
12:54:00 PM MDT

APPROVED BY / DATE


### Heavy Metals

Test ID: T000201549

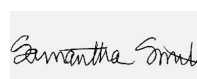
Methods: TM19 (ICP-MS): Heavy

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

  
Ryan Weems  
13Apr2022  
02:14:00 PM MDT

PREPARED BY / DATE

  
Samantha Smith  
13Apr2022  
02:17:00 PM MDT

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### Pesticides


Test ID: T000201547

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
Etoxazole	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

  
Samantha 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: T000201551


Methods: TM18 (UHPLC-QQQ)

LCMS/MS): Mycotoxins

	Dynamic Range (ppb)	Result (ppb)	Notes
Ochratoxin A	3.91 - 137.97	ND	N/A
Aflatoxin B1	1.30 - 34.40	ND	
Aflatoxin B2	1.20 - 34.67	ND	
Aflatoxin G1	1.07 - 34.47	ND	
Aflatoxin G2	1.10 - 34.37	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/3a5bc6b0-78bb-4876-9931-56785383a5fc>

**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](#).



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