

Prepared for:

LET IT GROW HEMP

4500 Full Spectrum BlueBerry Pie

Batch ID or Lot Number: 101223	Test, Test ID and Methods: Various	Matrix: Unit	Page 1 of 7
Reported: 19Oct2023	Started: 19Oct2023	Received: 16Oct2023	

Cannabinoids - Colorado Compliance


Test ID: T000259053


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

Cannabinoid Analysis

	LOD (mg)	LOQ (mg)	Result (mg)	Result (mg/g)	Notes
Cannabichromene (CBC)	5.031	17.128	21.695	0.72	# of Servings = 1 Sample Weight=30g
Cannabichromenic Acid (CBCA)	4.601	15.666	ND	ND	
Cannabidiol (CBD)	14.446	44.100	4762.845	158.76	
Cannabidiolic Acid (CBDA)	14.817	45.232	ND	ND	
Cannabidivarin (CBDV)	3.417	10.430	57.298	1.91	
Cannabidivarinic Acid (CBDVA)	6.181	18.868	ND	ND	
Cannabigerol (CBG)	2.856	9.725	184.606	6.15	
Cannabigerolic Acid (CBGA)	11.940	40.653	ND	ND	
Cannabinol (CBN)	3.726	12.687	<LOQ	<LOQ	
Cannabinolic Acid (CBNA)	8.146	27.736	ND	ND	
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	14.225	48.432	ND	ND	
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	12.919	43.985	78.477	2.62	
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	11.446	38.971	ND	ND	
Tetrahydrocannabivarin (THCV)	2.598	8.845	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	10.096	34.374	ND	ND	
Total Cannabinoids			5104.921	170.16	
Total Potential THC			78.477	2.62	
Total Potential CBD			4762.845	158.76	

Final Approval


Samantha Smith
19Oct2023
01:54:00 PM MDT
PREPARED BY / DATE


Karen Winternheimer
19Oct2023
01:59:00 PM MDT
APPROVED BY / DATE

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**Microbial
Contaminants -
Colorado Compliance**

Test ID: T000259055
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
20Oct2023
11:17:00 AM MDT
PREPARED BY / DATE


Brianne Maillot
20Oct2023
01:59:00 PM MDT
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**Residual Solvents -
Colorado Compliance**

Test ID: T000259057
Methods: TM04 (GC-MS): Residual

Solvents	Dynamic Range (ppm)	Result (ppm)	Notes
Propane	99 - 1974	ND	
Butanes (Isobutane, n-Butane)	195 - 3893	ND	
Methanol	67 - 1336	ND	
Pentane	95 - 1899	ND	
Ethanol	110 - 2194	ND	
Acetone	104 - 2082	ND	
Isopropyl Alcohol	121 - 2423	ND	
Hexane	6 - 125	ND	
Ethyl Acetate	109 - 2177	ND	
Benzene	0.2 - 4.3	ND	
Heptanes	101 - 2015	ND	
Toluene	20 - 399	ND	
Xylenes (m,p,o-Xylenes)	149 - 2982	ND	

Final Approval


 Karen Winternheimer
 20Oct2023
 09:50:00 AM MDT
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 Sam Smith
 20Oct2023
 10:01:00 AM MDT
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**Heavy Metals -
Colorado Compliance**

Test ID: T000259056
Methods: TM19 (ICP-MS): Heavy

Metals	Dynamic Range (ppm)	Result (ppm)	Notes
Arsenic	0.04 - 4.39	ND	
Cadmium	0.04 - 4.47	ND	
Mercury	0.05 - 4.62	ND	
Lead	0.05 - 4.60	ND	

Final Approval


Sam Smith
23Oct2023
01:08:00 PM MDT
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Karen Winternheimer
23Oct2023
01:11:00 PM MDT
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**Mycotoxins - Colorado
Compliance**

Test ID: T000259058
Methods: TM18 (UHPLC-QQQ
LCMS/MS): Mycotoxins

LCMS/MS: Mycotoxins	Dynamic Range (ppb)	Result (ppb)	Notes
Ochratoxin A	2.36 - 128.61	ND	N/A
Aflatoxin B1	0.96 - 32.18	ND	
Aflatoxin B2	0.89 - 31.93	ND	
Aflatoxin G1	0.93 - 32.38	ND	
Aflatoxin G2	1.09 - 33.02	ND	
Total Aflatoxins (B1, B2, G1, and G2)		ND	

Final Approval


Sam Smith
24Oct2023
07:50:00 AM MDT
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Karen Winternheimer
24Oct2023
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Pesticides


Test ID: T000259054

Methods: TM17

(LC-QQ LC MS/MS)	Dynamic Range (ppb)	Result (ppb)		Dynamic Range (ppb)	Result (ppb)	
Abamectin	285 - 2621	ND		Malathion	290 - 2740	ND
Acephate	44 - 2875	ND		Metalaxyl	45 - 2686	ND
Acetamiprid	46 - 2783	ND		Methiocarb	43 - 2692	ND
Azoxystrobin	45 - 2697	ND		Methomyl	44 - 2849	ND
Bifenazate	40 - 2645	ND		MGK 264 1	177 - 1656	ND
Boscalid	37 - 2708	ND		MGK 264 2	116 - 1052	ND
Carbaryl	44 - 2656	ND		Myclobutanil	89 - 2626	ND
Carbofuran	47 - 2714	ND		Naled	48 - 2737	ND
Chlorantraniliprole	40 - 2711	ND		Oxamyl	43 - 2836	ND
Chlorpyrifos	41 - 2724	ND		Paclobutrazol	47 - 2697	ND
Clofentezine	275 - 2716	ND		Permethrin	284 - 2728	ND
Diazinon	291 - 2673	ND		Phosmet	45 - 2670	ND
Dichlorvos	336 - 2722	ND		Prophos	306 - 2666	ND
Dimethoate	44 - 2763	ND		Propoxur	44 - 2699	ND
E-Fenpyroximate	278 - 2759	ND		Pyridaben	284 - 2750	ND
Etofenprox	45 - 2697	ND		Spinosad A	36 - 2032	ND
Etoxazole	278 - 2760	ND		Spinosad D	63 - 670	ND
Fenoxycarb	17 - 2699	ND		Spiromesifen	262 - 2730	ND
Fipronil	49 - 2700	ND		Spirotetramat	295 - 2684	ND
Flonicamid	48 - 2802	ND		Spiroxamine 1	18 - 1176	ND
Fludioxonil	294 - 2624	ND		Spiroxamine 2	24 - 1486	ND
Hexythiazox	39 - 2728	ND		Tebuconazole	300 - 2719	ND
Imazalil	267 - 2714	ND		Thiacloprid	44 - 2772	ND
Imidacloprid	45 - 2904	ND		Thiamethoxam	43 - 2849	ND
Kresoxim-methyl	45 - 2652	ND		Trifloxystrobin	45 - 2697	ND

Final Approval

 Karen Winternheimer
25Oct2023
08:59:00 AM MDT
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 Sam Smith
25Oct2023
09:02:00 AM MDT
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<https://results.botanacor.com/api/v1/coas/uuid/27364ead-116a-4f22-b70a-19a0f37e6b27>

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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