

Prepared for:
LET IT GROW HEMP

100mg Synergy Softgels

Batch ID or Lot Number: 52375	Test, Test ID and Methods: Various	Matrix: Unit	Page 1 of 6
Reported: 28Apr2022	Started: 28Apr2022	Received: 26Apr2022	

Cannabinoids - Colorado Compliance


Test ID: T000204819


Methods: TM14 (HPLC-DAD): Potency - Full Spectrum

Analysis, 0.3% THC

	LOD (mg)	LOQ (mg)	Result (mg)	Result (mg/g)	Notes
Cannabichromene (CBC)	0.095	0.300	1.648	2.30	# of Servings = 1 Sample Weight=0.717g
Cannabichromenic Acid (CBCA)	0.087	0.275	0.263*	0.37*	
Cannabidiol (CBD)	0.212	0.730	32.822	45.79	
Cannabidiolic Acid (CBDA)	0.218	0.749	25.998	36.27	
Cannabidivarin (CBDV)	0.050	0.173	0.16*	0.22*	
Cannabidivarinic Acid (CBDVA)	0.091	0.312	0.268*	0.37*	
Cannabigerol (CBG)	0.054	0.171	30.982	43.23	
Cannabigerolic Acid (CBGA)	0.225	0.713	28.428	39.66	
Cannabinol (CBN)	0.070	0.223	0.133*	0.19*	
Cannabinolic Acid (CBNA)	0.153	0.487	ND	ND	
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	0.268	0.850	ND	ND	
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	0.243	0.772	1.531	2.14	
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	0.215	0.684	ND	ND	
Tetrahydrocannabivarin (THCV)	0.049	0.155	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	0.190	0.603	ND	ND	
Total Cannabinoids			122.233	170.54	
Total Potential THC			1.531	2.14	
Total Potential CBD			55.622	77.60	

Final Approval


Sam Smith
28Apr2022
03:04:00 PM MDT
PREPARED BY / DATE


Karen Winternheimer
28Apr2022
03:07:00 PM MDT
APPROVED BY / DATE

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Pesticides

Test ID: T000204820

Methods: TM17

(LC-QQ LC MS/MS)	Dynamic Range (ppb)	Result (ppb)		Dynamic Range (ppb)	Result (ppb)	
Abamectin	286 - 2722	ND		Malathion	306 - 2674	ND
Acephate	41 - 2729	ND		Metalaxyl	42 - 2696	ND
Acetamiprid	42 - 2729	ND		Methiocarb	42 - 2689	ND
Azoxystrobin	42 - 2640	ND		Methomyl	39 - 2710	ND
Bifenazate	43 - 2645	ND		MGK 264 1	181 - 1627	ND
Boscalid	39 - 2763	ND		MGK 264 2	126 - 1144	ND
Carbaryl	38 - 2724	ND		Myclobutanil	47 - 2742	ND
Carbofuran	41 - 2722	ND		Naled	47 - 2761	ND
Chlorantraniliprole	49 - 2731	ND		Oxamyl	41 - 2719	ND
Chlorpyrifos	46 - 2795	ND		Paclobutrazol	42 - 2714	ND
Clofentezine	282 - 2718	ND		Permethrin	313 - 2784	ND
Diazinon	307 - 2708	ND		Phosmet	42 - 2697	ND
Dichlorvos	272 - 2708	ND		Prophos	269 - 2697	ND
Dimethoate	41 - 2694	ND		Propoxur	42 - 2728	ND
E-Fenpyroximate	302 - 2741	ND		Pyridaben	298 - 2758	ND
Etofenprox	41 - 2775	ND		Spinosad A	36 - 2243	ND
Etoxazole	300 - 2746	ND		Spinosad D	49 - 503	ND
Fenoxycarb	28 - 2686	ND		Spiromesifen	261 - 2759	ND
Fipronil	63 - 2662	ND		Spirotetramat	303 - 2636	ND
Flonicamid	48 - 2711	ND		Spiroxamine 1	18 - 1160	ND
Fludioxonil	280 - 2710	ND		Spiroxamine 2	25 - 1529	ND
Hexythiazox	43 - 2775	ND		Tebuconazole	319 - 2661	ND
Imazalil	284 - 2704	ND		Thiacloprid	43 - 2682	ND
Imidacloprid	42 - 2724	ND		Thiamethoxam	42 - 2718	ND
Kresoxim-methyl	48 - 2679	ND		Trifloxystrobin	42 - 2738	ND

Final Approval


 Sam Smith
 02May2022
 07:53:00 AM MDT
 PREPARED BY / DATE


 Alex Smith
 02May2022
 12:03:00 PM MDT
 APPROVED BY / DATE

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**Heavy Metals -
Colorado Compliance**

Test ID: T000204822
Methods: TM19 (ICP-MS): Heavy

Metals	Dynamic Range (ppm)	Result (ppm)	Notes
Arsenic	0.04 - 4.24	ND	
Cadmium	0.04 - 4.19	ND	
Mercury	0.04 - 4.14	ND	
Lead	0.04 - 4.07	ND	

Final Approval


 Kayla Phye
 02May2022
 04:04:00 PM MDT
 PREPARED BY / DATE


 Sam Smith
 02May2022
 04:07:00 PM MDT
 APPROVED BY / DATE

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**Residual Solvents -
Colorado Compliance**

Test ID: T000204823

Methods: TM04 (GC-MS): Residual

Solvents	Dynamic Range (ppm)	Result (ppm)	Notes
Propane	65 - 1296	ND	
Butanes (Isobutane, n-Butane)	130 - 2595	ND	
Methanol	48 - 958	ND	
Pentane	69 - 1372	ND	
Ethanol	75 - 1497	ND	
Acetone	78 - 1558	ND	
Isopropyl Alcohol	85 - 1700	ND	
Hexane	5 - 93	ND	
Ethyl Acetate	78 - 1565	ND	
Benzene	0.2 - 3.3	ND	
Heptanes	77 - 1531	ND	
Toluene	14 - 289	ND	
Xylenes (m,p,o-Xylenes)	107 - 2144	ND	

Final Approval


Sam Smith
02May2022
04:21:00 PM MDT

PREPARED BY / DATE


Hannah Wright
02May2022
04:23:00 PM MDT

APPROVED BY / DATE

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<https://results.botanacor.com/api/v1/coas/uuid/7bc749b7-2d8e-49b9-980c-991501417c6b>

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: 10^2 = 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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