

CERTIFICATE OF ANALYSIS

Prepared for:

LET IT GROW HEMP

Batch ID or Lot Number: 5523	Test, Test ID and Methods: Various	Matrix: Unit	Page 1 of 7
Reported:	Started:	Received:	
11May2023	10May2023	09May2023	

Cannabinoids - Colorado Compliance

Test ID: T000243572

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

Cannabinoid Analysis	LOD (mg)	LOQ (mg)	Result (mg)	Result (mg/g)	Notes
Cannabichromene (CBC)	2.034	5.937	21.292	0.75	# of Servings = 1
Cannabichromenic Acid (CBCA)	1.860	5.430	ND	ND	Sample
Cannabidiol (CBD)	5.870	15.590	2188.052	76.77	Weight=28.5g
Cannabidiolic Acid (CBDA)	6.021	15.990	ND	ND	•
Cannabidivarin (CBDV)	1.388	3.687	34.222	1.20	•
Cannabidivarinic Acid (CBDVA)	2.511	6.670	ND	ND	•
Cannabigerol (CBG)	1.155	3.371	65.816	2.31	•
Cannabigerolic Acid (CBGA)	4.827	14.091	ND	ND	
Cannabinol (CBN)	1.506	4.397	<loq< td=""><td><loq< td=""><td>•</td></loq<></td></loq<>	<loq< td=""><td>•</td></loq<>	•
Cannabinolic Acid (CBNA)	3.293	9.614	ND	ND	•
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	5.750	16.787	ND	ND	•
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	5.222	15.246	75.727	2.66	•
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	4.627	13.508	ND	ND	•
Tetrahydrocannabivarin (THCV)	1.050	3.066	<loq< td=""><td><loq< td=""><td>•</td></loq<></td></loq<>	<loq< td=""><td>•</td></loq<>	•
Tetrahydrocannabivarinic Acid (THCVA)	4.081	11.915	ND	ND	•
Total Cannabinoids			2385.109	83.69	
Total Potential THC			75.727	2.66	
Total Potential CBD			2188.052	76.77	,

Final Approval

Sam Smith Sawantha Small 11May2023 08:00:00 AM MDT

PREPARED BY / DATE

Materihemer 08:07:00 AM MDT APPROVED BY / DATE

Karen Winternheimer 11May2023



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Residual Solvents -Colorado Compliance

Test ID: T000243576

Methods: TM04 (GC-MS): Residual

Solvents	Dynamic Range (ppm)	Result (ppm)	Notes
Propane	86 - 1711	ND	
Butanes (Isobutane, n-Butane)	176 - 3511	ND	
Methanol	52 - 1037	ND	
Pentane	86 - 1729	ND	
Ethanol	85 - 1703	ND	
Acetone	86 - 1718	ND	
Isopropyl Alcohol	87 - 1747	ND	
Hexane	5 - 104	ND	
Ethyl Acetate	88 - 1751	ND	
Benzene	0.2 - 3.7	ND	
Heptanes	92 - 1846	ND	
Toluene	16 - 313	ND	
Xylenes (m,p,o-Xylenes)	115 - 2291	ND	

Final Approval

Karen Winternheimer 12May2023 MENHUMB 01:23:00 PM MDT

PREPARED BY / DATE

Samantha Smot 12May2023 01:25:00 PM MDT

Sam Smith

APPROVED BY / DATE



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Microbial

Contaminants -

Colorado Compliance

Test ID: T000243574

Methods: TM25 (qPCR) TM24, TM26,

TM27 (Culture Plating): Microbial			Quantitation		
(Colorado Panel)	Method	LOD	Range	Result	Notes
STEC	TM25: PCR	10 ⁰ CFU/25g	NA	Absent	Free from visual mold, mildew, and foreign matter
Salmonella	TM25: PCR	10 ⁰ CFU/25g	NA	Absent	- Torcigit matter
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

Branne Maillot 14May2023

PREPARED BY / DATE

Brianne Maillot 02:36:00 PM MDT

Eden Thompson

Eden Thompson-Wright 15May2023 09:32:00 AM MDT

APPROVED BY / DATE

Heavy Metals -

Colorado Compliance

Test ID: T000243575

Methods: TM19 (ICP-MS): Heavy

Metals	Dynamic Range (ppm)	Result (ppm)	Notes
Arsenic	0.05 - 4.78	ND	
Cadmium	0.05 - 4.90	ND	_
Mercury	0.05 - 4.85	ND	
Lead	0.01 - 1.44	ND	-

Final Approval

Samantha Smill

PREPARED BY / DATE

Sam Smith 16May2023 09:21:00 AM MDT

MENHUMP 09:26:00 AM MDT APPROVED BY / DATE

Karen Winternheimer 16May2023



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Mycotoxins - Colorado Compliance

Test ID: T000243577

Methods: TM18 (UHPLC-QQQ

LCMS/MS): Mycotoxins	Dynamic Range (ppb)	Result (ppb)	Notes
Ochratoxin A	3.81 - 128.88	ND	N/A
Aflatoxin B1	0.95 - 32.71	ND	
Aflatoxin B2	0.95 - 32.97	ND	
Aflatoxin G1	1.02 - 32.55	ND	
Aflatoxin G2	1.05 - 33.28	ND	
Total Aflatoxins (B1, B2, G1, ar	nd G2)	ND	

Final Approval

PREPARED BY / DATE

Sam Smith Sawantha Small 17May2023 09:54:00 AM MDT

Karen Winternheimer 17May2023 Menheumer 09:56:00 AM MDT



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Pesticides

Test ID: T000243573 Methods: TM17

(LC-QQ LC MS/MS)	Dynamic Range (ppb)	Result (ppb)
Abamectin	287 - 2721	ND
Acephate	42 - 2676	ND
Acetamiprid	40 - 2706	ND
Azoxystrobin	40 - 2722	ND
Bifenazate	41 - 2732	ND
Boscalid	40 - 2717	ND
Carbaryl	38 - 2735	ND
Carbofuran	40 - 2721	ND
Chlorantraniliprole	35 - 2741	ND
Chlorpyrifos	39 - 2776	ND
Clofentezine	282 - 2744	ND
Diazinon	275 - 2730	ND
Dichlorvos	256 - 2686	ND
Dimethoate	40 - 2705	ND
E-Fenpyroximate	287 - 2791	ND
Etofenprox	41 - 2746	ND
Etoxazole	305 - 2725	ND
Fenoxycarb	10 - 2732	ND
Fipronil	31 - 2693	ND
Flonicamid	47 - 2768	ND
Fludioxonil	270 - 2725	ND
Hexythiazox	42 - 2755	ND
Imazalil	284 - 2751	ND
Imidacloprid	43 - 2757	ND
Kresoxim-methyl	45 - 2766	ND

	Dynamic Range (ppb)	Result (ppb)
Malathion	280 - 2746	ND
Metalaxyl	42 - 2748	ND
Methiocarb	44 - 2778	ND
Methomyl	41 - 2741	ND
MGK 264 1	171 - 1688	ND
MGK 264 2	116 - 1076	ND
Myclobutanil	48 - 2749	ND
Naled	39 - 2757	ND
Oxamyl	41 - 2735	ND
Paclobutrazol	40 - 2710	ND
Permethrin	298 - 2771	ND
Phosmet	42 - 2720	ND
Prophos	272 - 2737	ND
Propoxur	42 - 2722	ND
Pyridaben	303 - 2724	ND
Spinosad A	33 - 2091	ND
Spinosad D	70 - 671	ND
Spiromesifen	287 - 2754	ND
Spirotetramat	267 - 2771	ND
Spiroxamine 1	19 - 1199	ND
Spiroxamine 2	25 - 1549	ND
Tebuconazole	281 - 2741	ND
Thiacloprid	42 - 2674	ND
Thiamethoxam	40 - 2760	ND
Trifloxystrobin	42 - 2709	ND

Final Approval

PREPARED BY / DATE

Karen Winternheimer 18May2023 Mtenheumer 06:53:00 AM MDT

Samantha Small 18May2023 06:56:00 AM MDT

Sam Smith

APPROVED BY / DATE



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https://results.botanacor.com/api/v1/coas/uuid/1b62809e-657f-4b55-86a4-55c884568f73

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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