

# CERTIFICATE OF ANALYSIS

Prepared for:

#### **LET IT GROW HEMP**

Batch ID or Lot Number: 23068	Test, Test ID and Methods: Various	Matrix: Unit	Page 1 of 5	
Reported: 13Apr2023	Started: 13Apr2023	Received: 12Apr2023		

## **Cannabinoids - Colorado Compliance**

Test ID: T000240942

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

Cannabinoid Analysis	LOD (mg)	LOQ (mg)	Result (mg)	Result (mg/g)	Notes
Cannabichromene (CBC)	0.111	0.283	0.717	1.14	# of Servings = 1
Cannabichromenic Acid (CBCA)	0.101	0.259	ND	ND	Sample
Cannabidiol (CBD)	0.295	0.765	138.835	221.12	Weight=0.628g
Cannabidiolic Acid (CBDA)	0.303	0.784	ND	ND	
Cannabidivarin (CBDV)	0.070	0.181	ND	ND	
Cannabidivarinic Acid (CBDVA)	0.126	0.327	ND	ND	
Cannabigerol (CBG)	0.063	0.161	4.827	7.69	
Cannabigerolic Acid (CBGA)	0.263	0.672	ND	ND	
Cannabinol (CBN)	0.082	0.210	2.401	3.82	
Cannabinolic Acid (CBNA)	0.179	0.458	ND	ND	
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	0.313	0.800	ND	ND	
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	0.285	0.727	0.878	1.40	
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	0.252	0.644	ND	ND	
Tetrahydrocannabivarin (THCV)	0.057	0.146	<loq< td=""><td><loq< td=""></loq<></td></loq<>	<loq< td=""></loq<>	
Tetrahydrocannabivarinic Acid (THCVA)	0.222	0.568	ND	ND	
Total Cannabinoids			147.658	235.17	•
Total Potential THC			0.878	1.40	
Total Potential CBD			138.835	221.12	

### **Final Approval**

Winternheumen 03:43:00 PM MDT PREPARED BY / DATE

Karen Winternheimer 13Apr2023

Samuentha Small 13Apr2023 03:44:00 PM MDT

Sam Smith

APPROVED BY / DATE

## **Heavy Metals -Colorado Compliance**

Test ID: T000240945

Methods: TM19 (ICP-MS): Heavy

Metals	Dynamic Range (ppm)	Result (ppm)
Arsenic	0.04 - 4.08	ND
Cadmium	0.04 - 4.19	ND
Mercury	0.04 - 4.23	ND
Lead	0.04 - 4.19	ND

#### **Final Approval**

Samantha Smill

PREPARED BY / DATE

Sam Smith 14Apr2023 10:48:00 AM MDT

Karen Winternheimer 14Apr2023 Withhelmer 10:51:00 AM MDT

APPROVED BY / DATE



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## **Residual Solvents -Colorado Compliance**

Test ID: T000240946

Methods: TM04 (GC-MS): Residual

Solvents	Dynamic Range (ppm)	Result (ppm)	Notes
Propane	104 - 2087	ND	
Butanes (Isobutane, n-Butane)	212 - 4231	ND	•
Methanol	62 - 1242	ND	
Pentane	106 - 2115	ND	
Ethanol	108 - 2156	ND	
Acetone	104 - 2074	ND	-
Isopropyl Alcohol	107 - 2136	ND	-
Hexane	6 - 126	ND	_
Ethyl Acetate	104 - 2087	ND	-
Benzene	0.2 - 3.9	ND	-
Heptanes	107 - 2131	ND	
Toluene	19 - 377	ND	-
Xylenes (m,p,o-Xylenes)	136 - 2711	ND	-

**Final Approval** 

PREPARED BY / DATE

Sam Smith Garrantha Smoll 17Apr2023 01:29:00 PM MDT

APPROVED BY / DATE

Karen Winternheimer 17Apr2023 01:28:00 PM MDT



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#### **Pesticides**

Test ID: T000240943 Methods: TM17

(LC-QQ LC MS/MS)	Dynamic Range (ppb)	Result (ppb)
Abamectin	295 - 2726	ND
Acephate	41 - 2825	ND
Acetamiprid	43 - 2738	ND
Azoxystrobin	48 - 2711	ND
Bifenazate	43 - 2711	ND
Boscalid	44 - 2709	ND
Carbaryl	38 - 2746	ND
Carbofuran	42 - 2706	ND
Chlorantraniliprole	55 - 2703	ND
Chlorpyrifos	54 - 2688	ND
Clofentezine	264 - 2774	ND
Diazinon	284 - 2718	ND
Dichlorvos	306 - 2787	ND
Dimethoate	40 - 2738	ND
E-Fenpyroximate	290 - 2765	ND
Etofenprox	44 - 2719	ND
Etoxazole	302 - 2721	ND
Fenoxycarb	46 - 2745	ND
Fipronil	64 - 2735	ND
Flonicamid	47 - 2809	ND
Fludioxonil	306 - 2723	ND
Hexythiazox	43 - 2682	ND
Imazalil	276 - 2754	ND
Imidacloprid	40 - 2803	ND
Kresoxim-methyl	21 - 2722	ND

	<b>Dynamic Range</b> (ppb)	Result (ppb)
Malathion	303 - 2721	ND
Metalaxyl	44 - 2746	ND
Methiocarb	46 - 2692	ND
Methomyl	40 - 2773	ND
MGK 264 1	167 - 1686	ND
MGK 264 2	106 - 1093	ND
Myclobutanil	52 - 2693	ND
Naled	44 - 2751	ND
Oxamyl	41 - 2766	ND
Paclobutrazol	45 - 2721	ND
Permethrin	300 - 2662	ND
Phosmet	37 - 2698	ND
Prophos	292 - 2697	ND
Propoxur	43 - 2718	ND
Pyridaben	297 - 2710	ND
Spinosad A	32 - 2076	ND
Spinosad D	66 - 666	ND
Spiromesifen	290 - 2737	ND
Spirotetramat	268 - 2737	ND
Spiroxamine 1	20 - 1191	ND
Spiroxamine 2	26 - 1510	ND
Tebuconazole	286 - 2739	ND
Thiacloprid	41 - 2724	ND
Thiamethoxam	42 - 2764	ND
Trifloxystrobin	43 - 2704	ND

#### **Final Approval**

Samantha Smoth

Sam Smith 19Apr2023 06:08:00 PM MDT

PREPARED BY / DATE

MENTHUMB 06:11:00 PM MDT APPROVED BY / DATE

Karen Winternheimer 19Apr2023



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Notes N/A

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## **Mycotoxins - Colorado Compliance**

Test ID: T000240947

Methods: TM18 (UHPLC-QQQ

LCMS/MS): Mycotoxins	<b>Dynamic Range</b> (ppb)	Result (ppb)	
Ochratoxin A	1.38 - 130.04	ND	
Aflatoxin B1	0.94 - 32.89	ND	
Aflatoxin B2	0.97 - 32.64	ND	
Aflatoxin G1	0.97 - 32.93	ND	
Aflatoxin G2	1.00 - 33.24	ND	
Total Aflatoxins (B1, B2, G1, an	nd G2)	ND	

#### **Final Approval**

Samantha Smil

Sam Smith 20Apr2023 11:43:00 AM MDT

PREPARED BY / DATE

MENHUMP 11:45:00 AM MDT

Karen Winternheimer 20Apr2023



https://results.botanacor.com/api/v1/coas/uuid/7b321637-a042-466b-8ecc-1c3d47b7ee81

#### **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-THC + (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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