SC Labs®
Formerly Botanacor Labs

CERTIFICATE OF ANALYSIS

Prepared for:
LET IT GROW HEMP

2000mg Full Spectrum Natural

Batch ID or Lot Number:	Test, Test ID and Methods:	Matrix:	
52258	Various	Finished Product	
Reported:	Started:	Received:	
11Apr2022	08Apr2022	07Apr2022	

Microbial Contaminants

Test ID: T000201530
Methods: TM25 (qPCR) TM24, TM26, TM27, TM28 (Culture Plating)

	Method	LOD	Quantitation Range	Result	Notes
STEC	TM25: PCR	10^0 CFU/g	NA	Absent	Free from visual mold, mildew, and foreign matter
Salmonella	TM25: PCR	10^0 CFU/g	NA	Absent	None Detected
Total Yeast and Mold*	TM24: Culture Plating	10^1 CFU/g	$1.0x10^2$ - $1.5x10^4$	None Detected	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
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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Cannabinoids

Test ID: T000201528

Methods: TM14 (HPLC-DAD)	**LOD** (mg)	**LOQ** (mg)	**Result** (mg)	**Result** (mg/g)	**Notes**
Cannabichromene (CBC)	1.739	5.642	ND	ND	# of Servings = 1, Sample Weight=29g
Cannabichromenic Acid (CBCA)	1.591	5.161	ND	ND	
Cannabidiol (CBD)	4.451	13.749	2132.030	73.50	
Cannabidiolic Acid (CBDA)	4.566	14.102	ND	ND	
Cannabidivarin (CBDV)	1.053	3.252	10.020	0.30	
Cannabidivarinic Acid (CBDVA)	1.905	5.883	ND	ND	
Cannabigerol (CBG)	0.988	3.204	38.760	1.30	
Cannabigerolic Acid (CBGA)	4.128	13.392	ND	ND	
Cannabinol (CBN)	1.288	4.179	4.010	0.10	
Cannabinolic Acid (CBNA)	2.817	9.137	ND	ND	
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	4.918	15.955	7.270	0.30	
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	4.467	14.490	67.420	2.30	
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	3.957	12.838	ND	ND	
Tetrahydrocannabivarin (THCV)	0.898	2.914	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	3.491	11.324	ND	ND	
Total Cannabinoids			**2259.510**	**77.91**	
Total Potential THC			67.420	2.32	
Total Potential CBD			2132.030	73.52	

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: T000201532
Methods: TM04 (GC-MS): Residual Solvents

	Dynamic Range (ppm)	**Result** (ppm)	**Notes**
Propane	96 - 1922	ND	
Butanes (Isobutane, n-Butane)	186 - 3718	ND	
Methanol	66 - 1318	ND	
Pentane	97 - 1936	ND	
Ethanol	104 - 2071	ND	
Acetone	105 - 2095	ND	
Isopropyl Alcohol	110 - 2207	ND	
Hexane	6 - 128	ND	
Ethyl Acetate	106 - 2130	ND	
Benzene	0.2 - 4.3	ND	
Heptanes	103 - 2063	ND	
Toluene	20 - 391	ND	
Xylenes (m,p,o-Xylenes)	143 - 2862	ND	

Final Approval


Sam 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: T000201531
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


Sam Smith
13Apr2022
02:17:00 PM MDT
APPROVED BY / DATE

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Pesticides

Test ID: T000201529
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

Sam 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: T000201533
Methods: TM18 (UHPLC-QQQ LCMS/MS): Mycotoxins

	Dynamic Range (ppb)	**Result** (ppb)	**Notes**
Ochratoxin A	3.98 - 140.51	ND	N/A
Aflatoxin B1	1.33 - 35.03	ND	
Aflatoxin B2	1.22 - 35.30	ND	
Aflatoxin G1	1.09 - 35.10	ND	
Aflatoxin G2	1.12 - 35.00	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/713b3f87-ee4e-4eab-84cc-fdc3ca102ad1

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.

Cert #4329.02
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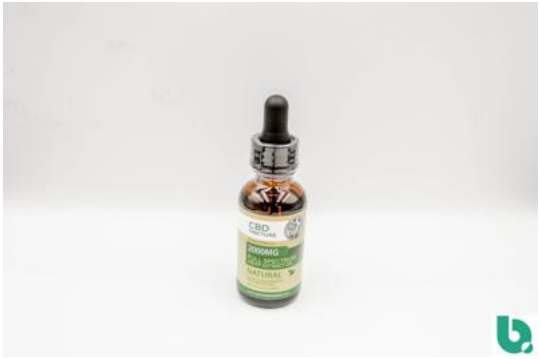

Cert #4329.02

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