SC Labs®
Formerly Botanacor Labs

CERTIFICATE OF ANALYSIS

Prepared for:
VetCS
6834 S University Blvd #225
Centennial, CO USA 80122

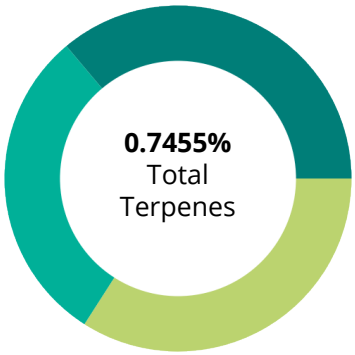
082522-VetCS-1200mg CBD:CBG:CBN-HTD060121

Batch ID or Lot Number:	Test, Test ID and Methods:	Matrix:	Page 1 of 5
103369	Various	Concentrate	
Reported:	**Started:**	**Received:**	
30Aug2022	29Aug2022	26Aug2022	

Terpenes

Test ID: T000219545

Methods: TM22 (GC-MS)	%(w/w)	(mg/g)
(-)-alpha-Bisabolol	0.0000	0.0000
(-)-beta-Pinene	0.0000	0.0000
(-)-Caryophyllene Oxide	0.0000	0.0000
(-)-Isopulegol	0.0000	0.0000
alpha-Humulene	0.0000	0.0000
alpha-Pinene	0.0000	0.0000
alpha-Terpinene	0.0000	0.0000
beta-Caryophyllene	0.2687	2.687
beta-Myrcene	0.2218	2.218
beta-Ocimene	0.0000	0.0000
Camphene	0.0000	0.0000
cis-Nerolidol	0.0000	0.0000
d-Limonene	0.0000	0.0000
delta-3-Carene	0.0017	0.017
Eucalyptol	0.0000	0.0000
gamma-Terpinene	0.0000	0.0000
Geraniol	0.0000	0.0000
Linalool	0.2533	2.533
Ocimene	0.0000	0.0000
p-Cymene	0.0000	0.0000
Terpinolene	0.0000	0.0000
trans-Nerolidol	0.0000	0.0000
	0.7455	**7.4550**



PREDOMINANT TERPENES

(-)-alpha-Bisabolol	0.0000
(-)-beta-Pinene	0.0000
alpha-Humulene	0.0000
alpha-Pinene	0.0000
alpha-Terpinene	0.0000
beta-Caryophyllene	0.2687
beta-Myrcene	0.2218
d-Limonene	0.0000
delta-3-Carene	0.0017
Linalool	0.2533

Notes

Final Approval

Jacob Miller
30Aug2022
01:08:00 PM MDT
PREPARED BY / DATE

Daniel Weidensaul
30Aug2022
01:10:00 PM MDT
APPROVED BY / DATE

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Cannabinoids - Colorado Compliance

Test ID: T000219544
Methods: TM14 (HPLC-DAD): Potency – Standard

Cannabinoid Analysis	**LOD** (%)	**LOQ** (%)	**Result** (%)	**Result** (mg/g)	**Notes**
Cannabichromene (CBC)	0.016	0.052	ND	ND	
Cannabichromenic Acid (CBCA)	0.015	0.047	ND	ND	
Cannabidiol (CBD)	0.044	0.134	2.108	21.08	
Cannabidiolic Acid (CBDA)	0.045	0.138	ND	ND	
Cannabidivarin (CBDV)	0.010	0.032	ND	ND	
Cannabidivarinic Acid (CBDVA)	0.019	0.057	ND	ND	
Cannabigerol (CBG)	0.009	0.029	1.050	10.50	
Cannabigerolic Acid (CBGA)	0.039	0.122	ND	ND	
Cannabinol (CBN)	0.012	0.038	1.006	10.06	
Cannabinolic Acid (CBNA)	0.026	0.083	ND	ND	
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	0.046	0.146	ND	ND	
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	0.042	0.132	0.089	0.89	
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	0.037	0.117	ND	ND	
Tetrahydrocannabivarin (THCV)	0.008	0.027	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	0.033	0.103	ND	ND	
Total Cannabinoids			**4.253**	**42.53**	
Total Potential THC			0.089	0.89	
Total Potential CBD			2.108	21.08	

Final Approval

Jacob Miller
31Aug2022
12:21:00 PM MDT
PREPARED BY / DATE

Sam Smith
31Aug2022
12:26:00 PM MDT
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Pesticides

Test ID: T000219546
Methods: TM17

(LC-QQ LC MS/MS)	**Dynamic Range** (ppb)	**Result** (ppb)		**Dynamic Range** (ppb)	**Result** (ppb)
Abamectin	336 - 2764	ND	Malathion	286 - 2727	ND
Acephate	38 - 2825	ND	Metalaxyl	44 - 2773	ND
Acetamiprid	40 - 2748	ND	Methiocarb	43 - 2781	ND
Azoxystrobin	44 - 2772	ND	Methomyl	41 - 2781	ND
Bifenazate	39 - 2738	ND	MGK 264 1	169 - 1643	ND
Boscalid	41 - 2797	ND	MGK 264 2	101 - 1157	ND
Carbaryl	40 - 2768	ND	Myclobutanil	48 - 2791	ND
Carbofuran	40 - 2730	ND	Naled	48 - 2779	ND
Chlorantraniliprole	40 - 2745	ND	Oxamyl	42 - 2787	ND
Chlorpyrifos	39 - 2718	ND	Paclobutrazol	42 - 2723	ND
Clofentezine	270 - 2766	ND	Permethrin	289 - 2741	ND
Diazinon	280 - 2765	ND	Phosmet	41 - 2743	ND
Dichlorvos	252 - 2767	ND	Prophos	282 - 2763	ND
Dimethoate	42 - 2738	ND	Propoxur	42 - 2745	ND
E-Fenpyroximate	296 - 2734	ND	Pyridaben	295 - 2753	ND
Etofenprox	42 - 2689	ND	Spinosad A	35 - 2247	ND
Etoxazole	299 - 2720	ND	Spinosad D	48 - 498	ND
Fenoxycarb	41 - 2752	ND	Spiromesifen	283 - 2740	ND
Fipronil	20 - 2847	ND	Spirotetramat	276 - 2798	ND
Flonicamid	50 - 2754	ND	Spiroxamine 1	18 - 1189	ND
Fludioxonil	273 - 2782	ND	Spiroxamine 2	24 - 1591	ND
Hexythiazox	42 - 2699	ND	Tebuconazole	288 - 2837	ND
Imazalil	262 - 2789	ND	Thiacloprid	42 - 2744	ND
Imidacloprid	40 - 2747	ND	Thiamethoxam	40 - 2776	ND
Kresoxim-methyl	42 - 2813	ND	Trifloxystrobin	44 - 2745	ND

Final Approval

Daniel Weidensaul
01Sep2022
01:40:00 PM MDT
PREPARED BY / DATE

Karen Winternheimer
01Sep2022
01:46:00 PM MDT
APPROVED BY / DATE

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Residual Solvents - Colorado Compliance

Test ID: T000219549
Methods: TM04 (GC-MS): Residual Solvents

	Dynamic Range (ppm)	**Result** (ppm)	**Notes**
Propane	86 - 1723	ND	
Butanes (Isobutane, n-Butane)	181 - 3618	ND	
Methanol	59 - 1173	ND	
Pentane	96 - 1920	ND	
Ethanol	93 - 1853	ND	
Acetone	96 - 1924	ND	
Isopropyl Alcohol	97 - 1946	ND	
Hexane	6 - 117	ND	
Ethyl Acetate	97 - 1945	ND	
Benzene	0.2 - 3.9	ND	
Heptanes	97 - 1936	ND	
Toluene	17 - 347	ND	
Xylenes (m,p,o-Xylenes)	128 - 2561	ND	

Final Approval

Daniel Weidensaul
01Sep2022
05:11:00 PM MDT
PREPARED BY / DATE

Jacob Miller
01Sep2022
05:13:00 PM MDT
APPROVED BY / DATE

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Heavy Metals - Colorado Compliance

Test ID: T000219548
Methods: TM19 (ICP-MS): Heavy Metals

	Dynamic Range (ppm)	**Result** (ppm)	**Notes**
Arsenic	0.05 - 4.54	ND	
Cadmium	0.05 - 4.59	ND	
Mercury	0.04 - 4.45	ND	
Lead	0.04 - 4.48	ND	

Final Approval

Daniel Weidensaul
02Sep2022
01:45:00 PM MDT
PREPARED BY / DATE

Courtney Richards
02Sep2022
05:18:00 PM MDT
APPROVED BY / DATE

https://results.botanacor.com/api/v1/coas/uuid/34136eb0-fe07-4d93-98d8-995d79bd5b91

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 Accredited by A2LA. 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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