SC Labs®
Formerly Botanacor Labs

CERTIFICATE OF ANALYSIS

Prepared for:
Sivan CBD
PO Box 378
Point Lookout, NY USA 11569

Sivan Pain Cream

Batch ID or Lot Number:	Test, Test ID and Methods:	Matrix:	Page 1 of 1
19637-01	Various	Unit	
Reported:	**Started:**	**Received:**	
20Apr2023	11Apr2023	10Apr2023	

Cannabinoids

Test ID: T000240858
Methods: TM14 (HPLC-DAD)

	LOD (mg)	**LOQ** (mg)	**Result** (mg)	**Result** (mg/g)	**Notes**
Cannabichromene (CBC)	25.312	61.756	198.250	2.00	Amendment to T000240858 issued on 13Apr2023 to correct the sample name and lab reporting error for CBN. # of Servings = 1, Sample Weight=100g
Cannabichromenic Acid (CBCA)	23.152	56.486	ND	ND	
Cannabidiol (CBD)	65.746	160.039	549.440	5.50	
Cannabidiolic Acid (CBDA)	67.432	164.144	ND	ND	
Cannabidivarin (CBDV)	15.550	37.851	ND	ND	
Cannabidivarinic Acid (CBDVA)	28.129	68.473	ND	ND	
Cannabigerol (CBG)	14.371	35.063	214.260	2.10	
Cannabigerolic Acid (CBGA)	60.078	146.578	ND	ND	
Cannabinol (CBN)	18.749	45.743	156.220	1.60	
Cannabinolic Acid (CBNA)	40.989	100.005	ND	ND	
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	71.574	174.626	ND	ND	
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	65.003	158.593	ND	ND	
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	57.592	140.513	ND	ND	
Tetrahydrocannabivarin (THCV)	13.072	31.893	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	50.799	123.939	ND	ND	
Total Cannabinoids			**1118.170**	**11.20**	
Total Potential THC			ND	ND	
Total Potential CBD			549.440	5.50	

Final Approval

Sam Smith
20Apr2023
08:03:00 AM MDT
PREPARED BY / DATE

Karen Winternheimer
20Apr2023
08:08:00 AM MDT
APPROVED BY / DATE

https://results.botanacor.com/api/v1/coas/uuid/33cbb945-31a0-4df1-b9c9-0b671184efef

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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Residual Solvents

Test ID: T000242141
Methods: TM04 (GC-MS): Residual Solvents

	Dynamic Range (ppm)	**Result** (ppm)	**Notes**
Propane	94 - 1889	ND	
Butanes (Isobutane, n-Butane)	194 - 3881	ND	
Methanol	60 - 1203	ND	
Pentane	97 - 1935	ND	
Ethanol	100 - 2000	>2000	
Acetone	99 - 1976	ND	
Isopropyl Alcohol	102 - 2040	ND	
Hexane	6 - 116	ND	
Ethyl Acetate	99 - 1973	ND	
Benzene	0.2 - 4.1	ND	
Heptanes	106 - 2127	ND	
Toluene	18 - 362	ND	
Xylenes (m,p,o-Xylenes)	130 - 2592	ND	

Final Approval


Sam Smith
26Apr2023
03:01:00 PM MDT
PREPARED BY / DATE


Karen Winternheimer
26Apr2023
03:03:00 PM MDT
APPROVED BY / DATE

Heavy Metals

Test ID: T000242140
Methods: TM19 (ICP-MS): Heavy Metals

	Dynamic Range (ppm)	**Result** (ppm)	**Notes**
Arsenic	0.04 - 4.36	ND	
Cadmium	0.04 - 4.35	ND	
Mercury	0.05 - 4.52	ND	
Lead	0.04 - 4.47	ND	

Final Approval


Sam Smith
26Apr2023
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Karen Winternheimer
26Apr2023
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Pesticides

Test ID: T000242138
Methods: TM17

(LC-QQ LC MS/MS)	**Dynamic Range** (ppb)	**Result** (ppb)		**Dynamic Range** (ppb)	**Result** (ppb)
Abamectin	306 - 2596	ND	Malathion	285 - 2764	ND
Acephate	45 - 2781	ND	Metalaxyl	40 - 2734	ND
Acetamiprid	42 - 2707	ND	Methiocarb	46 - 2764	ND
Azoxystrobin	44 - 2716	ND	Methomyl	42 - 2765	ND
Bifenazate	41 - 2745	ND	MGK 264 1	173 - 1707	ND
Boscalid	42 - 2705	ND	MGK 264 2	120 - 1074	ND
Carbaryl	43 - 2723	ND	Myclobutanil	40 - 2755	ND
Carbofuran	42 - 2741	ND	Naled	59 - 2720	ND
Chlorantraniliprole	44 - 2778	ND	Oxamyl	42 - 2746	ND
Chlorpyrifos	40 - 2680	ND	Paclobutrazol	44 - 2716	ND
Clofentezine	293 - 2743	ND	Permethrin	290 - 2751	ND
Diazinon	294 - 2730	ND	Phosmet	41 - 2724	ND
Dichlorvos	258 - 2731	ND	Prophos	326 - 2730	ND
Dimethoate	41 - 2706	ND	Propoxur	40 - 2714	ND
E-Fenpyroximate	283 - 2751	ND	Pyridaben	295 - 2692	ND
Etofenprox	43 - 2684	ND	Spinosad A	30 - 2073	ND
Etoxazole	294 - 2687	ND	Spinosad D	65 - 656	ND
Fenoxycarb	42 - 2732	ND	Spiromesifen	280 - 2752	ND
Fipronil	49 - 2742	ND	Spirotetramat	289 - 2782	ND
Flonicamid	49 - 2777	ND	Spiroxamine 1	19 - 1205	ND
Fludioxonil	289 - 2766	ND	Spiroxamine 2	25 - 1526	ND
Hexythiazox	45 - 2741	ND	Tebuconazole	289 - 2748	ND
Imazalil	275 - 2727	ND	Thiacloprid	43 - 2695	ND
Imidacloprid	47 - 2738	ND	Thiamethoxam	46 - 2735	ND
Kresoxim-methyl	25 - 2737	ND	Trifloxystrobin	44 - 2702	ND

Final Approval

Karen Winternheimer
28Apr2023
11:39:00 AM MDT
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Sam Smith
28Apr2023
11:42:00 AM MDT
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Microbial Contaminants

Test ID: T000242139
Methods: TM25 (PCR) TM24, TM26, TM27 (Culture Plating)

	Method	LOD	Quantitation 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	
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

Brianne Maillot
28Apr2023
11:46:00 AM MDT
PREPARED BY / DATE

Eden Thompson-Wright
28Apr2023
03:20:00 PM MDT
APPROVED BY / DATE

https://results.botanacor.com/api/v1/coas/uuid/a435700f-c6cb-4d74-95a2-e9b28be64894

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