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:	Reported:	USDA License:
19306-05	**Pesticides**	**27Feb2023**	NA
Matrix:	Test ID:	Started:	Sampler ID:
Concentrate	T000236037	23Feb2023	NA
	Method(s):	Received:	Status:
	TM17 (LC-QQ LC MS/MS)	17Feb2023	NA

Pesticides

	Dynamic Range (ppb)	**Result** (ppb)
Abamectin	324 - 2773	ND
Acephate	43 - 2752	ND
Acetamiprid	41 - 2704	ND
Azoxystrobin	44 - 2701	ND
Bifenazate	40 - 2705	ND
Boscalid	38 - 2737	ND
Carbaryl	38 - 2718	ND
Carbofuran	42 - 2692	ND
Chlorantraniliprole	42 - 2746	ND
Chlorpyrifos	47 - 2711	ND
Clofentezine	266 - 2736	ND
Diazinon	290 - 2714	ND
Dichlorvos	279 - 2716	ND
Dimethoate	41 - 2688	ND
E-Fenpyroximate	298 - 2729	ND
Etofenprox	38 - 2714	ND
Etoxazole	308 - 2695	ND
Fenoxycarb	42 - 2730	ND
Fipronil	55 - 2633	ND
Flonicamid	48 - 2766	ND
Fludioxonil	318 - 2730	ND
Hexythiazox	41 - 2719	ND
Imazalil	287 - 2706	ND
Imidacloprid	42 - 2706	ND
Kresoxim-methyl	38 - 2772	ND

	Dynamic Range (ppb)	**Result** (ppb)
Malathion	281 - 2698	ND
Metalaxyl	43 - 2701	ND
Methiocarb	41 - 2737	ND
Methomyl	40 - 2714	ND
MGK 264 1	165 - 1598	ND
MGK 264 2	115 - 1120	ND
Myclobutanil	47 - 2715	ND
Naled	44 - 2707	ND
Oxamyl	41 - 2726	ND
Paclobutrazol	42 - 2699	ND
Permethrin	308 - 2683	ND
Phosmet	40 - 2707	ND
Prophos	283 - 2743	ND
Propoxur	41 - 2692	ND
Pyridaben	315 - 2709	ND
Spinosad A	32 - 2216	ND
Spinosad D	50 - 489	ND
Spiromesifen	288 - 2726	ND
Spirotetramat	296 - 2731	ND
Spiroxamine 1	17 - 1160	ND
Spiroxamine 2	21 - 1551	ND
Tebuconazole	300 - 2703	ND
Thiacloprid	41 - 2706	ND
Thiamethoxam	40 - 2736	ND
Trifloxystrobin	44 - 2703	ND

Final Approval

Karen Winternheimer
27Feb2023
11:03:00 AM MST
PREPARED BY / DATE

Sam Smith
27Feb2023
01:24:00 PM MST
APPROVED BY / DATE

https://results.botanacor.com/api/v1/coas/uuid/91ac61cc-117a-4144-ba53-e0a49c59da6d

Definitions
ND = None Detected (defined by dynamic range of the method)
Dynamic Range = Limit of Quantitation (LOQ) through Upper Limit of Method Range
ppb = Parts Per Billion

Cert #4329.02
91ac61cc117a4144ba53e0a49c59da6d.1

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

Sivan Pain Cream

Batch ID or Lot Number:	Test:	Reported:	USDA License:
19306-05	**Potency**	**23Feb2023**	N/A
Matrix:	Test ID:	Started:	Sampler ID:
Unit	T000236387	22Feb2023	N/A
	Method(s):	Received:	Status:
	TM14 (HPLC-DAD)	21Feb2023	N/A

Cannabinoids

	LOD (mg)	**LOQ** (mg)	**Result** (mg)	**Result** (mg/g)	**Notes**
Cannabichromene (CBC)	20.178	65.266	197.900	2.00	# of Servings = 1, Sample Weight=100g
Cannabichromenic Acid (CBCA)	18.456	59.696	ND	ND	
Cannabidiol (CBD)	60.979	178.142	575.940	5.80	
Cannabidiolic Acid (CBDA)	62.543	182.712	ND	ND	
Cannabidivarin (CBDV)	14.422	42.132	ND	ND	
Cannabidivarinic Acid (CBDVA)	26.090	76.218	ND	ND	
Cannabigerol (CBG)	11.456	37.056	215.170	2.20	
Cannabigerolic Acid (CBGA)	47.892	154.908	ND	ND	
Cannabinol (CBN)	14.946	48.342	163.870	1.60	
Cannabinolic Acid (CBNA)	32.675	105.689	ND	ND	
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	57.056	184.551	ND	ND	
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	51.817	167.606	ND	ND	
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	45.910	148.499	ND	ND	
Tetrahydrocannabivarin (THCV)	10.420	33.705	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	40.495	130.982	ND	ND	
Total Cannabinoids			**1152.880**	**11.60**	
Total Potential THC			ND	ND	
Total Potential CBD			575.940	5.80	

Final Approval

Sam Smith
23Feb2023
11:12:00 AM MST
PREPARED BY / DATE

Karen Winternheimer
23Feb2023
11:21:00 AM MST
APPROVED BY / DATE

https://results.botanacor.com/api/v1/coas/uuid/f28280b7-605f-4c8c-95d3-d7e6cdc57609

Definitions
% = % (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)).

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CERTIFICATE OF ANALYSIS

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

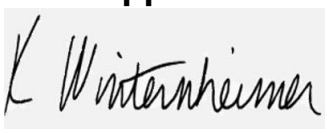
Sivan Pain Cream

Batch ID or Lot Number:	Test:	Reported:	USDA License:
19306-05	**Heavy Metals**	**27Feb2023**	NA
Matrix:	Test ID:	Started:	Sampler ID:
Other	T000236039	20Feb2023	NA
	Method(s):	Received:	Status:
	TM19 (ICP-MS): Heavy Metals	17Feb2023	NA

Heavy Metals

	Dynamic Range (ppm)	**Result** (ppm)	**Notes**
Arsenic	0.05 - 5.11	ND	Amendment to T000236039 issued on 23Feb2023 to correct the sample name.
Cadmium	0.05 - 4.94	ND	
Mercury	0.04 - 4.39	ND	
Lead	0.04 - 4.02	ND	

Final Approval



Karen Winternheimer
27Feb2023
10:59:00 AM MST

PREPARED BY / DATE

Sam Smith
27Feb2023
12:31:00 PM MST

APPROVED BY / DATE

https://results.botanacor.com/api/v1/coas/uuid/dc49e8e9-e40c-45bc-ae92-2deb698ee709

Definitions
ND = None Detected (defined by dynamic range of the method)
Dynamic Range = Limit of Quantitation (LOQ) through Upper Limit of Method Range

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

Sivan Pain Cream

Batch ID or Lot Number:	Test:	Reported:	USDA License:
19306-05	**Microbial Contaminants**	**27Feb2023**	NA
Matrix:	Test ID:	Started:	Sampler ID:
General/Other	T000236038	20Feb2023	NA
	Method(s):	Received:	Status:
	TM25 (PCR) TM24, TM26, TM27 (Culture Plating)	17Feb2023	NA

Microbial Contaminants

	Method	LOD	Quantitation Range	Result	Notes
STEC	TM25: PCR	10^0 CFU/25g	NA	Absent	Amendment to T000236038 issued on 23Feb2023 to correct the sample name. 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

Eden Thompson-Wright
27Feb2023
10:56:00 AM MST
PREPARED BY / DATE

Brianne Maillot
27Feb2023
01:40:00 PM MST
APPROVED BY / DATE

https://results.botanacor.com/api/v1/coas/uuid/13629a41-577e-4f18-9a8c-a16f96b2f8e4

Definitions
* 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
CFU/g = Colony Forming Units per Gram, LOD = Limit of Detection
ULOQ = Upper Limit of Quantitation, LLOQ = Lower Limit of Quantitation
STEC = Shiga Toxin-Producing E. coli

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Sivan CBD
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Point Lookout, NY USA 11569

Sivan Pain Cream

Batch ID or Lot Number:	Test:	Reported:	USDA License:
19306-05	**Residual Solvents**	**27Feb2023**	N/A
Matrix:	Test ID:	Started:	Sampler ID:
Concentrate	T000236040	17Feb2023	N/A
	Method(s):	Received:	Status:
	TM04 (GC-MS): Residual Solvents	17Feb2023	Active

Residual Solvents

	Dynamic Range (ppm)	**Result** (ppm)
Propane	110 - 2204	ND
Butanes (Isobutane, n-Butane)	228 - 4556	ND
Methanol	70 - 1395	ND
Pentane	113 - 2252	ND
Ethanol	110 - 2196	>2196
Acetone	111 - 2218	ND
Isopropyl Alcohol	113 - 2254	ND
Hexane	7 - 135	ND
Ethyl Acetate	115 - 2309	ND
Benzene	0.2 - 4.5	ND
Heptanes	110 - 2208	ND
Toluene	20 - 400	ND
Xylenes (m,p,o-Xylenes)	148 - 2960	ND

Notes
Amendment to T000236040 issued on 19Feb2023 to correct the sample name.

Final Approval

Karen Winternheimer
27Feb2023
10:39:00 AM MST
PREPARED BY / DATE

Sam Smith
27Feb2023
01:32:00 PM MST
APPROVED BY / DATE

https://results.botanacor.com/api/v1/coas/uuid/8d7a2440-d74d-47f9-8de4-ba527d2d3407

Definitions
ND = None Detected (defined by dynamic range of the method)
Dynamic Range = Limit of Quantitation (LOQ) through Upper Limit of Method Range

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