

Prepared for:  
**Sivan CBD**

PO Box 378  
Point Lookout, NY USA 11569

## Sivan Pain Cream

Batch ID or Lot Number: <b>22750-05</b>	Test: <b>Potency</b>	Reported: <b>01May2024</b>	USDA License: N/A
Matrix: Unit	Test ID: T000278913	Started: 29Apr2024	Sampler ID: N/A
	Method(s): TM14 (HPLC-DAD)	Received: 26Apr2024	Status: N/A

## Cannabinoids

	LOD (mg)	LOQ (mg)	Result (mg)	Result (mg/g)	Notes
Cannabichromene (CBC)	19.527	63.954	282.660	2.80	# of Servings = 1, Sample Weight=100g
Cannabichromenic Acid (CBCA)	17.860	58.497	ND	ND	
Cannabidiol (CBD)	63.980	171.266	566.510	5.70	
Cannabidiolic Acid (CBDA)	65.621	175.659	ND	ND	
Cannabidivarin (CBDV)	15.132	40.506	ND	ND	
Cannabidivarinic Acid (CBDVA)	27.374	73.276	ND	ND	
Cannabigerol (CBG)	11.087	36.311	228.780	2.30	
Cannabigerolic Acid (CBGA)	46.346	151.795	ND	ND	
Cannabinol (CBN)	14.463	47.371	171.550	1.70	
Cannabinolic Acid (CBNA)	31.621	103.565	ND	ND	
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	55.215	180.842	ND	ND	
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	50.145	164.238	ND	ND	
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	44.429	145.515	ND	ND	
Tetrahydrocannabivarin (THCV)	10.084	33.028	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	39.188	128.350	ND	ND	
<b>Total Cannabinoids</b>			<b>1249.500</b>	<b>12.50</b>	
Total Potential THC			ND	ND	
Total Potential CBD			566.510	5.70	

## Final Approval



Karen Winternheimer  
01May2024  
07:47:00 AM MDT

PREPARED BY / DATE



Phillip Travisano  
01May2024  
07:48:00 AM MDT

APPROVED BY / DATE



<https://results.botanacor.com/api/v1/coas/uuid/b52aff03-17fd-466d-b4c2-9b12d4f4da94>

**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)).

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.



Cert #4329.02  
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**Sivan CBD**

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Point Lookout, NY USA 11569

## Sivan Pain Cream

Batch ID or Lot Number: <b>22750-05</b>	Test, Test ID and Methods: Various	Matrix: Topical	Page 1 of 4
Reported: <b>01May2024</b>	Started: 29Apr2024	Received: 26Apr2024	


## Residual Solvents


Test ID: T000279004

Methods: TM04 (GC-MS): Residual

Solvents	Dynamic Range (ppm)	Result (ppm)	Notes
Propane	79 - 1572	ND	
Butanes (Isobutane, n-Butane)	164 - 3280	ND	
Methanol	64 - 1276	ND	
Pentane	88 - 1768	ND	
Ethanol	99 - 1977	>1977	
Acetone	103 - 2057	ND	
Isopropyl Alcohol	109 - 2172	ND	
Hexane	6 - 128	ND	
Ethyl Acetate	106 - 2130	ND	
Benzene	0.2 - 4.3	ND	
Heptanes	99 - 1983	ND	
Toluene	19 - 385	ND	
Xylenes (m,p,o-Xylenes)	139 - 2782	ND	

## Final Approval

  
Karen Winternheimer  
01May2024  
08:18:00 AM MDT  
PREPARED BY / DATE

  
Phillip Travisano  
01May2024  
08:19:00 AM MDT  
APPROVED BY / DATE

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Point Lookout, NY USA 11569

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## Pesticides

Test ID: T000279001

Methods: TM17

(LC-QQ LC MS/MS)	Dynamic Range (ppb)	Result (ppb)	Dynamic Range (ppb)	Result (ppb)	
Abamectin	254 - 2693	ND	Malathion	279 - 2683	ND
Acephate	40 - 2756	ND	Metalaxyl	40 - 2689	ND
Acetamiprid	37 - 2694	ND	Methiocarb	41 - 2740	ND
Azoxystrobin	43 - 2687	ND	Methomyl	37 - 2756	ND
Bifenazate	41 - 2679	ND	MGK 264 1	163 - 1640	ND
Boscalid	37 - 2738	ND	MGK 264 2	106 - 1093	ND
Carbaryl	40 - 2716	ND	Myclobutanil	42 - 2774	ND
Carbofuran	40 - 2713	ND	Naled	45 - 2668	ND
Chlorantraniliprole	36 - 2729	ND	Oxamyl	38 - 2750	ND
Chlorpyrifos	46 - 2784	ND	Paclobutrazol	40 - 2719	ND
Clofentezine	281 - 2757	ND	Permethrin	270 - 2774	ND
Diazinon	274 - 2701	ND	Phosmet	40 - 2557	ND
Dichlorvos	264 - 2713	ND	Prophos	288 - 2747	ND
Dimethoate	37 - 2714	ND	Propoxur	41 - 2721	ND
E-Fenpyroximate	257 - 2806	ND	Pyridaben	284 - 2801	ND
Etofenprox	41 - 2768	ND	Spinosad A	32 - 2096	ND
Etoxazole	286 - 2697	ND	Spinosad D	68 - 672	ND
Fenoxycarb	43 - 2663	ND	Spiromesifen	285 - 2747	ND
Fipronil	56 - 2801	ND	Spirotetramat	291 - 2781	ND
Flonicamid	40 - 2738	ND	Spiroxamine 1	15 - 1028	ND
Fludioxonil	313 - 2754	ND	Spiroxamine 2	23 - 1621	ND
Hexythiazox	42 - 2800	ND	Tebuconazole	274 - 2683	ND
Imazalil	276 - 2730	ND	Thiacloprid	40 - 2712	ND
Imidacloprid	43 - 2767	ND	Thiamethoxam	39 - 2752	ND
Kresoxim-methyl	41 - 2741	ND	Trifloxystrobin	42 - 2740	ND

## Final Approval

  
 Karen Winternheimer  
 03May2024  
 10:16:00 AM MDT  
 PREPARED BY / DATE

  
 Phillip Travisano  
 03May2024  
 10:19:00 AM MDT  
 APPROVED BY / DATE

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## Microbial Contaminants

Test ID: T000279002

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

	Method	LOD	Quantitation Range	Result	Notes
STEC	TM25: PCR	10 <sup>0</sup> CFU/25g	NA	Absent	Free from visual mold, mildew, and foreign matter
<i>Salmonella</i>	TM25: PCR	10 <sup>0</sup> CFU/25g	NA	Absent	
Total Yeast and Mold*	TM24: Culture Plating	10 <sup>1</sup> CFU/g	1.0x10 <sup>2</sup> - 1.5x10 <sup>4</sup>	None Detected	
Total Aerobic Count*	TM26: Culture Plating	10 <sup>2</sup> CFU/g	1.0x10 <sup>3</sup> - 1.5x10 <sup>5</sup>	None Detected	
Total Coliforms*	TM27: Culture Plating	10 <sup>1</sup> CFU/g	1.0x10 <sup>2</sup> - 1.5x10 <sup>4</sup>	None Detected	

### Final Approval



Brett Hudson  
03May2024  
12:25:00 PM MDT



Brianne Maillot  
04May2024  
07:18:00 PM MDT

PREPARED BY / DATE

APPROVED BY / DATE

## Heavy Metals

Test ID: T000279003

Methods: TM19 (ICP-MS): Heavy

Metals	Dynamic Range (ppm)	Result (ppm)	Notes
Arsenic	0.05 - 4.62	ND	
Cadmium	0.05 - 4.60	ND	
Mercury	0.05 - 4.72	ND	
Lead	0.01 - 0.62	ND	

### Final Approval



Karen Winterheimer  
03May2024  
04:55:00 PM MDT



Colin Hendrickson  
04May2024  
06:38:00 PM MDT

PREPARED BY / DATE

APPROVED BY / DATE

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<https://results.botanacor.com/api/v1/coas/uuid/8a335dd7-eb96-46e5-84b6-4f7677f79b24>

### 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.

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