

Prepared for:

**Sivan CBD**

PO Box 378

Point Lookout, NY USA 11569

## Sivan Pain Cream

Batch ID or Lot Number: <b>18003-01</b>	Test, Test ID and Methods: Various	Matrix: General/Other	Page 1 of 5
Reported: <b>19Sep2022</b>	Started: 16Sep2022	Received: 16Sep2022	

## Microbial Contaminants

Test ID: T000221700

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



Eden Thompson-Wright  
19Sep2022  
02:38:00 PM MDT

PREPARED BY / DATE



Brett Hudson  
19Sep2022  
04:09:00 PM MDT

APPROVED BY / DATE

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Reported: <b>19Sep2022</b>	Started: 16Sep2022	Received: 16Sep2022	

## Cannabinoids

Test ID: T000221698


Methods: TM14 (HPLC-DAD)

	LOD (mg)	LOQ (mg)	Result (mg)	Result (mg/g)	Notes
Cannabichromene (CBC)	8.480	29.423	208.940	2.10	# of Servings = 1, Sample Weight=100g
Cannabichromenic Acid (CBCA)	7.756	26.913	ND	ND	
Cannabidiol (CBD)	25.331	77.594	520.800	5.20	
Cannabidiolic Acid (CBDA)	25.981	79.584	ND	ND	
Cannabidivarin (CBDV)	5.991	18.352	ND	ND	
Cannabidivarinic Acid (CBDVA)	10.838	33.199	ND	ND	
Cannabigerol (CBG)	4.815	16.706	229.560	2.30	
Cannabigerolic Acid (CBGA)	20.127	69.836	ND	ND	
Cannabinol (CBN)	6.281	21.794	160.860	1.60	
Cannabinolic Acid (CBNA)	13.732	47.647	ND	ND	
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	23.979	83.200	ND	ND	
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	21.777	75.561	ND	ND	
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	19.295	66.947	ND	ND	
Tetrahydrocannabivarin (THCV)	4.379	15.195	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	17.019	59.050	ND	ND	
<b>Total Cannabinoids</b>			<b>1120.160</b>	<b>11.20</b>	
Total Potential THC			ND	ND	
Total Potential CBD			520.800	5.21	

## Final Approval

  
Daniel Weidensaul  
20Sep2022  
02:30:00 PM MDT

PREPARED BY / DATE

  
Sam Smith  
20Sep2022  
02:34:00 PM MDT

APPROVED BY / DATE

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## Residual Solvents

Test ID: T000221702

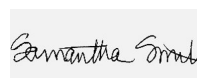
Methods: TM04 (GC-MS): Residual

Solvents	Dynamic Range (ppm)	Result (ppm)	Notes
Propane	93 - 1854	ND	
Butanes (Isobutane, n-Butane)	194 - 3878	ND	
Methanol	63 - 1251	ND	
Pentane	101 - 2024	ND	
Ethanol	102 - 2039	>2039	
Acetone	102 - 2038	ND	
Isopropyl Alcohol	110 - 2192	ND	
Hexane	6 - 123	ND	
Ethyl Acetate	103 - 2052	ND	
Benzene	0.2 - 4.3	ND	
Heptanes	104 - 2077	ND	
Toluene	19 - 370	ND	
Xylenes (m,p,o-Xylenes)	136 - 2726	ND	

## Final Approval

 Daniel Weidensaul  
21Sep2022  
05:25:00 PM MDT

PREPARED BY / DATE

 Sam Smith  
21Sep2022  
05:29:00 PM MDT

APPROVED BY / DATE


## Heavy Metals

Test ID: T000221701

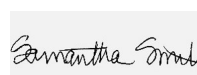
Methods: TM19 (ICP-MS): Heavy

Metals	Dynamic Range (ppm)	Result (ppm)	Notes
Arsenic	0.05 - 4.65	ND	
Cadmium	0.04 - 4.48	ND	
Mercury	0.05 - 4.54	ND	
Lead	0.04 - 4.01	ND	

## Final Approval

 Daniel Weidensaul  
21Sep2022  
04:45:00 PM MDT

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 Sam Smith  
21Sep2022  
04:48:00 PM MDT

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## Pesticides


Test ID: T000221699

Methods: TM17

(LC-QQ LC MS/MS)	Dynamic Range (ppb)	Result (ppb)		Dynamic Range (ppb)	Result (ppb)	
Abamectin	258 - 2651	ND		Malathion	295 - 2731	ND
Acephate	41 - 2780	ND		Metalaxyl	42 - 2738	ND
Acetamiprid	42 - 2800	ND		Methiocarb	43 - 2695	ND
Azoxystrobin	44 - 2702	ND		Methomyl	36 - 2719	ND
Bifenazate	43 - 2728	ND		MGK 264 1	165 - 1658	ND
Boscalid	44 - 2674	ND		MGK 264 2	107 - 1143	ND
Carbaryl	40 - 2751	ND		Myclobutanil	48 - 2724	ND
Carbofuran	41 - 2750	ND		Naled	46 - 2803	ND
Chlorantraniliprole	40 - 2738	ND		Oxamyl	34 - 2711	ND
Chlorpyrifos	53 - 2720	ND		Paclobutrazol	41 - 2799	ND
Clofentezine	265 - 2842	ND		Permethrin	274 - 2767	ND
Diazinon	289 - 2768	ND		Phosmet	43 - 2732	ND
Dichlorvos	280 - 2808	ND		Prophos	284 - 2688	ND
Dimethoate	40 - 2769	ND		Propoxur	41 - 2754	ND
E-Fenpyroximate	276 - 2826	ND		Pyridaben	292 - 2737	ND
Etofenprox	41 - 2718	ND		Spinosad A	33 - 2247	ND
Etoxazole	295 - 2706	ND		Spinosad D	46 - 491	ND
Fenoxycarb	42 - 2728	ND		Spiromesifen	276 - 2718	ND
Fipronil	47 - 2871	ND		Spirotetramat	280 - 2764	ND
Flonicamid	46 - 2847	ND		Spiroxamine 1	18 - 1156	ND
Fludioxonil	282 - 2772	ND		Spiroxamine 2	25 - 1554	ND
Hexythiazox	38 - 2755	ND		Tebuconazole	275 - 2863	ND
Imazalil	278 - 2773	ND		Thiacloprid	40 - 2786	ND
Imidacloprid	41 - 2785	ND		Thiamethoxam	39 - 2797	ND
Kresoxim-methyl	47 - 2748	ND		Trifloxystrobin	43 - 2770	ND

## Final Approval

  
 Sam Smith  
 22Sep2022  
 02:21:00 PM MDT  
 PREPARED BY / DATE

  
 Daniel Weidensaul  
 22Sep2022  
 02:24:00 PM MDT  
 APPROVED BY / DATE

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<https://results.botanacor.com/api/v1/coas/uuid/89291639-26e9-4874-8b79-fd84dce2043d>

### 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<sup>2</sup> = 100 CFU, 10<sup>3</sup> = 1,000 CFU, 10<sup>4</sup> = 10,000 CFU, 10<sup>5</sup> = 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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