

Prepared for:

Sivan CBD

PO Box 378

Point Lookout, NY USA 11569

Sivan Pain Cream

Batch ID or Lot Number: 18325-01	Test, Test ID and Methods: Various	Matrix: Concentrate	Page 1 of 5
Reported: 01Nov2022	Started: 29Oct2022	Received: 28Oct2022	


Residual Solvents


Test ID: T000226142

Methods: TM04 (GC-MS): Residual

Solvents	Dynamic Range (ppm)	Result (ppm)	Notes
Propane	104 - 2073	ND	
Butanes (Isobutane, n-Butane)	207 - 4141	ND	
Methanol	65 - 1303	ND	
Pentane	109 - 2173	ND	
Ethanol	106 - 2119	>2119	
Acetone	109 - 2175	ND	
Isopropyl Alcohol	112 - 2249	ND	
Hexane	6 - 129	ND	
Ethyl Acetate	109 - 2170	ND	
Benzene	0.2 - 4.3	ND	
Heptanes	109 - 2188	ND	
Toluene	20 - 391	ND	
Xylenes (m,p,o-Xylenes)	142 - 2834	ND	

Final Approval


 Karen Winternheimer
 01Nov2022
 07:32:00 AM MDT
 PREPARED BY / DATE


 Sam Smith
 01Nov2022
 07:36:00 AM MDT
 APPROVED BY / DATE

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Cannabinoids

Test ID: T000226138


Methods: TM14 (HPLC-DAD)

	LOD (mg)	LOQ (mg)	Result (mg)	Result (mg/g)	Notes
Cannabichromene (CBC)	19.633	61.072	230.680	2.30	# of Servings = 1, Sample Weight=100g
Cannabichromenic Acid (CBCA)	17.957	55.861	ND	ND	
Cannabidiol (CBD)	55.665	177.605	529.280	5.30	
Cannabidiolic Acid (CBDA)	57.093	182.161	ND	ND	
Cannabidivarin (CBDV)	13.165	42.005	ND	ND	
Cannabidivarinic Acid (CBDVA)	23.816	75.988	ND	ND	
Cannabigerol (CBG)	11.147	34.675	216.270	2.20	
Cannabigerolic Acid (CBGA)	46.598	144.955	ND	ND	
Cannabinol (CBN)	14.542	45.237	154.580	1.50	
Cannabinolic Acid (CBNA)	31.792	98.899	ND	ND	
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	55.515	172.694	ND	ND	
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	50.417	156.837	ND	ND	
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	44.670	138.958	ND	ND	
Tetrahydrocannabivarin (THCV)	10.139	31.540	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	39.401	122.567	ND	ND	
Total Cannabinoids			1130.810	11.30	
Total Potential THC			ND	ND	
Total Potential CBD			529.280	5.30	

Final Approval

 Karen Winternheimer
01Nov2022
09:53:00 AM MDT

PREPARED BY / DATE

 Sam Smith
01Nov2022
09:56:00 AM MDT

APPROVED BY / DATE

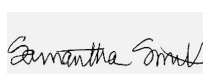
Heavy Metals

Test ID: T000226141


Methods: TM19 (ICP-MS): Heavy

Metals	Dynamic Range (ppm)	Result (ppm)	Notes
Arsenic	0.04 - 4.17	ND	
Cadmium	0.04 - 4.21	ND	
Mercury	0.04 - 4.14	ND	
Lead	0.04 - 4.02	ND	

Final Approval

 Sam Smith
03Nov2022
09:29:00 AM MDT

PREPARED BY / DATE

 Phillip Travisano
03Nov2022
10:09:00 AM MDT

APPROVED BY / DATE

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Microbial Contaminants

Test ID: T000226140

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
<i>Salmonella</i>	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



Brett Hudson
03Nov2022
11:20:00 AM MDT

PREPARED BY / DATE



Brianne Maillot
03Nov2022
04:45:00 PM MDT

APPROVED BY / DATE

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Pesticides


Test ID: T000226139

Methods: TM17

(LC-QQ LC MS/MS)	Dynamic Range (ppb)	Result (ppb)		Dynamic Range (ppb)	Result (ppb)	
Abamectin	347 - 2834	ND		Malathion	280 - 2714	ND
Acephate	40 - 2789	ND		Metalaxyl	41 - 2751	ND
Acetamiprid	40 - 2739	ND		Methiocarb	42 - 2712	ND
Azoxystrobin	40 - 2728	ND		Methomyl	37 - 2759	ND
Bifenazate	40 - 2740	ND		MGK 264 1	171 - 1610	ND
Boscalid	24 - 2691	ND		MGK 264 2	119 - 1152	ND
Carbaryl	41 - 2714	ND		Myclobutanil	32 - 2701	ND
Carbofuran	41 - 2728	ND		Naled	43 - 2724	ND
Chlorantraniliprole	38 - 2701	ND		Oxamyl	39 - 2754	ND
Chlorpyrifos	46 - 2777	ND		Paclobutrazol	41 - 2716	ND
Clofentezine	279 - 2740	ND		Permethrin	280 - 2784	ND
Diazinon	283 - 2727	ND		Phosmet	43 - 2726	ND
Dichlorvos	155 - 2662	ND		Prophos	294 - 2723	ND
Dimethoate	39 - 2722	ND		Propoxur	42 - 2717	ND
E-Fenpyroximate	284 - 2765	ND		Pyridaben	311 - 2726	ND
Etofenprox	41 - 2788	ND		Spinosad A	30 - 2236	ND
Etoxazole	296 - 2775	ND		Spinosad D	46 - 503	ND
Fenoxycarb	34 - 2706	ND		Spiromesifen	264 - 2798	ND
Fipronil	36 - 2830	ND		Spirotetramat	289 - 2729	ND
Flonicamid	41 - 2750	ND		Spiroxamine 1	18 - 1170	ND
Fludioxonil	293 - 2728	ND		Spiroxamine 2	22 - 1529	ND
Hexythiazox	41 - 2789	ND		Tebuconazole	294 - 2713	ND
Imazalil	256 - 2752	ND		Thiacloprid	39 - 2731	ND
Imidacloprid	42 - 2718	ND		Thiamethoxam	38 - 2767	ND
Kresoxim-methyl	41 - 2792	ND		Trifloxystrobin	42 - 2729	ND

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 Karen Winternheimer
 04Nov2022
 08:49:00 AM MDT
 PREPARED BY / DATE


 Sam Smith
 04Nov2022
 08:53:00 AM MDT
 APPROVED BY / DATE

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<https://results.botanacor.com/api/v1/coas/uuid/a6fc86f3-8121-4d7e-ae15-c4dab87e096a>

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: 10² = 100 CFU, 10³ = 1,000 CFU, 10⁴ = 10,000 CFU, 10⁵ = 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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