

Prepared for:

Sivan CBD

PO Box 378

Point Lookout, NY USA 11569

Sivan Pain Cream

Batch ID or Lot Number: 20934-05	Test, Test ID and Methods: Various	Matrix: Unit	Page 1 of 1
Reported: 11Sep2023	Started: 08Sep2023	Received: 07Sep2023	


Cannabinoids

Test ID: T000255404


Methods: TM14 (HPLC-DAD)

	LOD (mg)	LOQ (mg)	Result (mg)	Result (mg/g)	Notes
Cannabichromene (CBC)	19.328	65.288	204.840	2.00	# of Servings = 1, Sample Weight=100g
Cannabichromenic Acid (CBCA)	17.679	59.716	ND	ND	
Cannabidiol (CBD)	69.080	175.192	546.960	5.50	
Cannabidiolic Acid (CBDA)	70.851	179.686	ND	ND	
Cannabidivarin (CBDV)	16.338	41.435	ND	ND	
Cannabidivarinic Acid (CBDVA)	29.556	74.956	ND	ND	
Cannabigerol (CBG)	10.974	37.069	209.870	2.10	
Cannabigerolic Acid (CBGA)	45.875	154.960	ND	ND	
Cannabinol (CBN)	14.316	48.359	160.950	1.60	
Cannabinolic Acid (CBNA)	31.299	105.725	ND	ND	
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	54.654	184.613	ND	ND	
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	49.636	167.663	ND	ND	
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	43.977	148.549	ND	ND	
Tetrahydrocannabivarin (THCV)	9.982	33.717	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	38.790	131.027	ND	ND	
Total Cannabinoids			1122.620	11.20	
Total Potential THC			ND	ND	
Total Potential CBD			546.960	5.50	

Final Approval


Sam Smith
11Sep2023
10:34:00 AM MDT

PREPARED BY / DATE


Karen Winternheimer
11Sep2023
10:36:00 AM MDT

APPROVED BY / DATE



<https://results.botanacor.com/api/v1/coas/uuid/db9081bf-a09e-4701-98df-6a152545044d>

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](#).



Cert #4329.02
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Batch ID or Lot Number: 20934-05	Test, Test ID and Methods: Various	Matrix: Topical	Page 1 of 4
Reported: 13Sep2023	Started: 13Sep2023	Received: 12Sep2023	


Residual Solvents


Test ID: T000255831

Methods: TM04 (GC-MS): Residual

Solvents	Dynamic Range (ppm)	Result (ppm)	Notes
Propane	113 - 2259	ND	
Butanes (Isobutane, n-Butane)	224 - 4484	ND	
Methanol	68 - 1357	ND	
Pentane	113 - 2270	ND	
Ethanol	110 - 2198	>2198	
Acetone	112 - 2240	ND	
Isopropyl Alcohol	112 - 2249	ND	
Hexane	7 - 134	ND	
Ethyl Acetate	109 - 2179	ND	
Benzene	0.2 - 4.5	ND	
Heptanes	112 - 2237	ND	
Toluene	20 - 403	ND	
Xylenes (m,p,o-Xylenes)	146 - 2917	ND	

Final Approval


 Karen Winternheimer
 13Sep2023
 02:43:00 PM MDT
 PREPARED BY / DATE


 Sam Smith
 13Sep2023
 02:44:00 PM MDT
 APPROVED BY / DATE

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Sivan CBD

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Pesticides


Test ID: T000255828

Methods: TM17

(LC-QQ LC MS/MS)	Dynamic Range (ppb)	Result (ppb)		Dynamic Range (ppb)	Result (ppb)	
Abamectin	352 - 2613	ND		Malathion	273 - 2712	ND
Acephate	45 - 2712	ND		Metalaxyl	47 - 2676	ND
Acetamiprid	42 - 2736	ND		Methiocarb	47 - 2784	ND
Azoxystrobin	48 - 2669	ND		Methomyl	42 - 2775	ND
Bifenazate	47 - 2705	ND		MGK 264 1	132 - 1693	ND
Boscalid	50 - 2752	ND		MGK 264 2	110 - 1068	ND
Carbaryl	45 - 2704	ND		Myclobutanil	93 - 2714	ND
Carbofuran	45 - 2713	ND		Naled	46 - 2744	ND
Chlorantraniliprole	43 - 2842	ND		Oxamyl	43 - 2782	ND
Chlorpyrifos	47 - 2725	ND		Paclobutrazol	45 - 2756	ND
Clofentezine	268 - 2759	ND		Permethrin	278 - 2737	ND
Diazinon	280 - 2723	ND		Phosmet	42 - 2686	ND
Dichlorvos	255 - 2755	ND		Prophos	295 - 2783	ND
Dimethoate	42 - 2743	ND		Propoxur	45 - 2701	ND
E-Fenpyroximate	280 - 2753	ND		Pyridaben	300 - 2719	ND
Etofenprox	45 - 2650	ND		Spinosad A	34 - 2073	ND
Etoxazole	307 - 2718	ND		Spinosad D	72 - 670	ND
Fenoxycarb	25 - 2756	ND		Spiromesifen	264 - 2755	ND
Fipronil	36 - 2773	ND		Spirotetramat	261 - 2774	ND
Flonicamid	50 - 2757	ND		Spiroxamine 1	20 - 1216	ND
Fludioxonil	305 - 2727	ND		Spiroxamine 2	25 - 1555	ND
Hexythiazox	43 - 2745	ND		Tebuconazole	312 - 2653	ND
Imazalil	282 - 2706	ND		Thiacloprid	44 - 2738	ND
Imidacloprid	42 - 2790	ND		Thiamethoxam	43 - 2764	ND
Kresoxim-methyl	47 - 2693	ND		Trifloxystrobin	46 - 2680	ND

Final Approval


 Karen Winternheimer
 14Sep2023
 08:36:00 AM MDT
 PREPARED BY / DATE


 Sam Smith
 14Sep2023
 08:38:00 AM MDT
 APPROVED BY / DATE

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Microbial Contaminants


Test ID: T000255829

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


 Brianne Maillot
 15Sep2023
 09:34:00 AM MDT
 PREPARED BY / DATE


 Brett Hudson
 15Sep2023
 10:44:00 AM MDT
 APPROVED BY / DATE


Heavy Metals


Test ID: T000255830

Methods: TM19 (ICP-MS): Heavy

Metals	Dynamic Range (ppm)	Result (ppm)	Notes
Arsenic	0.04 - 4.17	ND	
Cadmium	0.04 - 4.46	ND	
Mercury	0.04 - 4.30	ND	
Lead	0.04 - 4.38	ND	

Final Approval


 Samantha Smith
 15Sep2023
 11:35:00 AM MDT
 PREPARED BY / DATE


 Karen Winternheimer
 15Sep2023
 11:42:00 AM MDT
 APPROVED BY / DATE

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