

Prepared for:

Sivan CBD

PO Box 378

Point Lookout, NY USA 11569

1000mg/3.5oz Relief Cream



Batch ID or Lot Number: 17237-01	Test, Test ID and Methods: Various	Matrix: Concentrate	Page 1 of 5
Reported: 17Jun2022	Started: 17Jun2022	Received: 16Jun2022	

Residual Solvents

Test ID: T000210786

Methods: TM04 (GC-MS): Residual

Solvents	Dynamic Range (ppm)	Result (ppm)	Notes
Propane	56 - 1119	ND	
Butanes (Isobutane, n-Butane)	118 - 2365	ND	
Methanol	47 - 945	ND	
Pentane	66 - 1327	ND	
Ethanol	68 - 1359	>1359	
Acetone	74 - 1472	ND	
Isopropyl Alcohol	78 - 1568	ND	
Hexane	5 - 93	ND	
Ethyl Acetate	77 - 1530	ND	
Benzene	0.2 - 3.1	ND	
Heptanes	75 - 1506	ND	
Toluene	14 - 274	ND	
Xylenes (m,p,o-Xylenes)	101 - 2026	ND	

Final Approval
PREPARED BY / DATEJacob Miller
17Jun2022
03:58:00 PM MDT
APPROVED BY / DATEDaniel Weidensaul
17Jun2022
04:10:00 PM MDT

Prepared for:

Sivan CBD

PO Box 378

Point Lookout, NY USA 11569

1000mg/3.5oz Relief Cream

Batch ID or Lot Number: 17237-01	Test, Test ID and Methods: Various	Matrix: Concentrate	Page 2 of 5
Reported: 17Jun2022	Started: 17Jun2022	Received: 16Jun2022	

Cannabinoids

Test ID: T000210782

Methods: TM14 (HPLC-DAD)

	LOD (mg)	LOQ (mg)	Result (mg)	Result (mg/g)	Notes
Cannabichromene (CBC)	21.054	63.822	213.270	2.10	# of Servings = 1, Sample Weight=99.225g
Cannabichromenic Acid (CBCA)	19.258	58.376	ND	ND	
Cannabidiol (CBD)	56.929	172.166	564.080	5.70	
Cannabidiolic Acid (CBDA)	58.389	176.582	ND	ND	
Cannabidivarin (CBDV)	13.464	40.719	ND	ND	
Cannabidivarinic Acid (CBDVA)	24.357	73.661	ND	ND	
Cannabigerol (CBG)	11.954	36.236	213.460	2.20	
Cannabigerolic Acid (CBGA)	49.972	151.482	ND	ND	
Cannabinol (CBN)	15.595	47.273	162.150	1.60	
Cannabinolic Acid (CBNA)	34.095	103.351	ND	ND	
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	59.535	180.469	ND	ND	
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	54.069	163.899	ND	ND	
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	47.905	145.214	ND	ND	
Tetrahydrocannabivarin (THCV)	10.873	32.960	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	42.254	128.085	ND	ND	
Total Cannabinoids			1152.960	11.62	
Total Potential THC			ND	ND	
Total Potential CBD			564.080	5.68	

Final ApprovalKaren Winternheimer
21Jun2022
04:06:00 PM MDT

PREPARED BY / DATE

Jacob Miller
21Jun2022
04:09:00 PM MDT

APPROVED BY / DATE

Prepared for:

Sivan CBD

PO Box 378

Point Lookout, NY USA 11569

1000mg/3.5oz Relief Cream

Batch ID or Lot Number: 17237-01	Test, Test ID and Methods: Various	Matrix: Concentrate	Page 3 of 5
Reported: 17Jun2022	Started: 17Jun2022	Received: 16Jun2022	


Microbial Contaminants


Test ID: T000210784

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

	Method	LOD	Quantitation Range	Result	Notes
STEC	TM25: PCR	10 ⁰ CFU/g	NA	Absent	Free from visual mold, mildew, and foreign matter
<i>Salmonella</i>	TM25: PCR	10 ⁰ CFU/g	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
19Jun2022
12:54:00 PM MDT
PREPARED BY / DATE


Carly Bader
21Jun2022
03:01:00 PM MDT
APPROVED BY / DATE

Prepared for:
Sivan CBD

PO Box 378
Point Lookout, NY USA 11569

1000mg/3.5oz Relief Cream

Batch ID or Lot Number: 17237-01	Test, Test ID and Methods: Various	Matrix: Concentrate	Page 4 of 5
Reported: 17Jun2022	Started: 17Jun2022	Received: 16Jun2022	


Pesticides


Test ID: T000210783

Methods: TM17

(LC-QQ LC MS/MS)	Dynamic Range (ppb)	Result (ppb)		Dynamic Range (ppb)	Result (ppb)	
Abamectin	263 - 2783	ND		Malathion	299 - 2719	ND
Acephate	40 - 2860	ND		Metalaxyl	46 - 2726	ND
Acetamiprid	39 - 2791	ND		Methiocarb	36 - 2754	ND
Azoxystrobin	41 - 2699	ND		Methomyl	39 - 2825	ND
Bifenazate	46 - 2691	ND		MGK 264 1	165 - 1658	ND
Boscalid	25 - 2752	ND		MGK 264 2	107 - 1142	ND
Carbaryl	39 - 2732	ND		Myclobutanil	22 - 2768	ND
Carbofuran	44 - 2720	ND		Naled	45 - 2734	ND
Chlorantraniliprole	46 - 2697	ND		Oxamyl	38 - 2825	ND
Chlorpyrifos	36 - 2758	ND		Paclobutrazol	62 - 2612	ND
Clofentezine	287 - 2699	ND		Permethrin	253 - 2786	ND
Diazinon	289 - 2732	ND		Phosmet	49 - 2701	ND
Dichlorvos	263 - 2840	ND		Prophos	254 - 2776	ND
Dimethoate	38 - 2795	ND		Propoxur	41 - 2705	ND
E-Fenpyroximate	308 - 2698	ND		Pyridaben	287 - 2730	ND
Etofenprox	35 - 2760	ND		Spinosad A	33 - 2228	ND
Etoxazole	293 - 2712	ND		Spinosad D	48 - 491	ND
Fenoxycarb	38 - 2695	ND		Spiromesifen	244 - 2771	ND
Fipronil	22 - 2770	ND		Spirotetramat	303 - 2712	ND
Flonicamid	54 - 2783	ND		Spiroxamine 1	15 - 1177	ND
Fludioxonil	278 - 2740	ND		Spiroxamine 2	20 - 1558	ND
Hexythiazox	34 - 2718	ND		Tebuconazole	365 - 2621	ND
Imazalil	277 - 2721	ND		Thiacloprid	41 - 2816	ND
Imidacloprid	38 - 2792	ND		Thiamethoxam	39 - 2797	ND
Kresoxim-methyl	47 - 2758	ND		Trifloxystrobin	43 - 2729	ND

Final Approval


 Sam Smith
 22Jun2022
 04:52:00 PM MDT
 PREPARED BY / DATE


 Karen Winternheimer
 22Jun2022
 04:54:00 PM MDT
 APPROVED BY / DATE

Prepared for:

Sivan CBD

PO Box 378

Point Lookout, NY USA 11569

1000mg/3.5oz Relief Cream


Batch ID or Lot Number: 17237-01	Test, Test ID and Methods: Various	Matrix: Concentrate	Page 5 of 5
Reported: 17Jun2022	Started: 17Jun2022	Received: 16Jun2022	

Heavy Metals

Test ID: T000210785


Methods: TM19 (ICP-MS): Heavy

Metals	Dynamic Range (ppm)	Result (ppm)	Notes
Arsenic	0.08 - 7.89	ND	
Cadmium	0.08 - 7.93	ND	
Mercury	0.08 - 7.81	ND	
Lead	0.08 - 8.18	ND	

Final Approval

Sam Smith
23Jun2022
05:02:00 PM MDT

PREPARED BY / DATE



Daniel Weidensaul
23Jun2022
05:04:00 PM MDT

APPROVED BY / DATE

<https://results.botanacor.com/api/v1/coas/uuid/3a1c8515-6c91-47c0-b8b8-4cb6598f284f>**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 Botanacor Laboratories, LLC, in the condition it was received. Botanacor Laboratories, LLC 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 Botanacor Laboratories, LLC. 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

3a1c85156c9147c0b8b84cb6598f284f.1