

Prepared for:

Sivan CBD

PO Box 378

Point Lookout, NY USA 11569

1500mg/oz Sivan Pain Tincture

Batch ID or Lot Number: 18004-01	Test, Test ID and Methods: Various	Matrix: Unit	Page 1 of 5
Reported: 30Sep2022	Started: 28Sep2022	Received: 28Sep2022	


Cannabinoids


Test ID: T000222952

Methods: TM14 (HPLC-DAD)

	LOD (mg)	LOQ (mg)	Result (mg)	Result (mg/g)	Notes
Cannabichromene (CBC)	1.839	5.675	354.380	12.40	# of Servings = 1, Sample Weight=28.67g
Cannabichromenic Acid (CBCA)	1.683	5.191	ND	ND	
Cannabidiol (CBD)	5.726	14.420	746.570	26.00	
Cannabidiolic Acid (CBDA)	5.872	14.790	ND	ND	
Cannabidivarin (CBDV)	1.354	3.410	12.360	0.40	
Cannabidivarinic Acid (CBDVA)	2.450	6.170	ND	ND	
Cannabigerol (CBG)	1.044	3.222	331.730	11.60	
Cannabigerolic Acid (CBGA)	4.366	13.469	ND	ND	
Cannabinol (CBN)	1.363	4.203	163.870	5.70	
Cannabinolic Acid (CBNA)	2.979	9.190	ND	ND	
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	5.202	16.047	13.650	0.50	
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	4.724	14.573	54.320	1.90	
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	4.185	12.912	ND	ND	
Tetrahydrocannabivarin (THCV)	0.950	2.931	1.190	0.00	
Tetrahydrocannabivarinic Acid (THCVA)	3.692	11.389	ND	ND	
Total Cannabinoids			1678.070	58.53	
Total Potential THC			54.320	1.89	
Total Potential CBD			746.570	26.04	

Final Approval

 Karen Winternheimer
30Sep2022
04:28:00 PM MDT
PREPARED BY / DATE

 Daniel Weidensaul
30Sep2022
04:30:00 PM MDT
APPROVED BY / DATE

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Microbial Contaminants


Test ID: T000222954

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
 01Oct2022
 03:22:00 PM MDT
 PREPARED BY / DATE


 Brett Hudson
 02Oct2022
 11:36:00 AM MDT
 APPROVED BY / DATE

Prepared for:

Sivan CBD

PO Box 378

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Pesticides

Test ID: T000222953


Methods: TM17

(LC-QQ LC MS/MS)

	Dynamic Range (ppb)	Result (ppb)		Dynamic Range (ppb)	Result (ppb)
Abamectin	282 - 2808	ND	Malathion	297 - 2747	ND
Acephate	40 - 2734	ND	Metalaxyl	40 - 2749	ND
Acetamiprid	41 - 2695	ND	Methiocarb	44 - 2727	ND
Azoxystrobin	48 - 2741	ND	Methomyl	40 - 2714	ND
Bifenazate	42 - 2754	ND	MGK 264 1	167 - 1641	ND
Boscalid	41 - 2722	ND	MGK 264 2	113 - 1149	ND
Carbaryl	40 - 2765	ND	Myclobutanil	41 - 2786	ND
Carbofuran	42 - 2734	ND	Naled	45 - 2807	ND
Chlorantraniliprole	43 - 2817	ND	Oxamyl	40 - 2692	ND
Chlorpyrifos	56 - 2815	ND	Paclobutrazol	45 - 2735	ND
Clofentezine	295 - 2644	ND	Permethrin	290 - 2734	ND
Diazinon	294 - 2756	ND	Phosmet	42 - 2734	ND
Dichlorvos	294 - 2655	ND	Prophos	286 - 2733	ND
Dimethoate	40 - 2656	ND	Propoxur	44 - 2742	ND
E-Fenpyroximate	293 - 2797	ND	Pyridaben	296 - 2760	ND
Etofenprox	42 - 2753	ND	Spinosad A	35 - 2270	ND
Etoxazole	288 - 2773	ND	Spinosad D	48 - 505	ND
Fenoxycarb	42 - 2766	ND	Spiromesifen	291 - 2793	ND
Fipronil	37 - 2724	ND	Spirotetramat	279 - 2739	ND
Fonicamid	51 - 2727	ND	Spiroxamine 1	18 - 1182	ND
Fludioxonil	302 - 2754	ND	Spiroxamine 2	22 - 1576	ND
Hexythiazox	39 - 2801	ND	Tebuconazole	303 - 2766	ND
Imazalil	276 - 2739	ND	Thiacloprid	41 - 2697	ND
Imidacloprid	46 - 2736	ND	Thiamethoxam	43 - 2724	ND
Kresoxim-methyl	42 - 2791	ND	Trifloxystrobin	44 - 2798	ND

Final Approval


Daniel Weidensaul
03Oct2022
01:00:00 PM MDT
PREPARED BY / DATE


Sam Smith
03Oct2022
01:47:00 PM MDT
APPROVED BY / DATE

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Residual Solvents

Test ID: T000222956


Methods: TM04 (GC-MS): Residual

Solvents	Dynamic Range (ppm)	Result (ppm)	Notes
Propane	80 - 1608	ND	
Butanes (Isobutane, n-Butane)	169 - 3388	ND	
Methanol	53 - 1061	ND	
Pentane	87 - 1744	ND	
Ethanol	84 - 1679	ND	
Acetone	86 - 1715	ND	
Isopropyl Alcohol	86 - 1729	ND	
Hexane	5 - 105	ND	
Ethyl Acetate	86 - 1727	ND	
Benzene	0.2 - 3.6	ND	
Heptanes	91 - 1810	ND	
Toluene	16 - 313	ND	
Xylenes (m,p,o-Xylenes)	116 - 2323	ND	

Final Approval


Sam Smith
03Oct2022
04:05:00 PM MDT

PREPARED BY / DATE


Daniel Weidensaul
03Oct2022
04:22:00 PM MDT

APPROVED BY / DATE


Heavy Metals

Test ID: T000222955

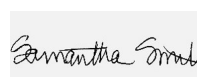
Methods: TM19 (ICP-MS): Heavy

Metals	Dynamic Range (ppm)	Result (ppm)	Notes
Arsenic	0.04 - 4.34	ND	
Cadmium	0.04 - 4.45	ND	
Mercury	0.05 - 4.51	ND	
Lead	0.04 - 4.33	ND	

Final Approval


Daniel Weidensaul
04Oct2022
05:42:00 PM MDT

PREPARED BY / DATE


Sam Smith
04Oct2022
05:45:00 PM MDT

APPROVED BY / DATE

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<https://results.botanacor.com/api/v1/coas/uuid/7eec7483-76b4-4fae-9934-213c3b5d33c2>

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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