

PRODUCT NAME: CBD Sports Cream

PRODUCT STRENGTH: BATCH:

1000mg / bottle 23094-23

BEST BY DATE:

4/13/2025

Physical Atttributes

Test	Method	Specification	Results
Color	Joy Internal	White to off white	PASS
Odor	Joy Internal	Blend of Menthol, Camphor, Eucalytpus, Lavender, Rosemary, Wintergreen & Marjoram.	PASS
Appearance	Joy Internal	Creamy smooth cream consistency with medium viscosity	PASS
Primary Package Eval.	Joy Internal	Container clean and free of filth. Lid intact.	PASS
Secondary Package Eval.	Joy Internal	Labeling Compliance Checked, Cartons sturdy and clean. Sufficient cushion material exists. Box taped and secure.	PASS

Review of Third-Party Analysis

Panel	Method	Specification	Results*	Pass/Fail
Potency - Total CBD	HPLC-UV DAD	LOQ^* : $\geq 1000mg / bottle$	1200mg	PASS
Potency - D9-THC	HPLC-UV DAD	LOQ: <0.01% THC (Broad Spectrum)	Below LOQ	PASS
Expanded Pesticide Panel	HPLC-QQQ	LOQ: Complies with CDPHE 6 CCR 1010-21 Industrial Hemp Extract	Below LOQ	PASS
Microbial Escherichia coli (STEC)	PCR	Complies with CDPHE 6 CCR 1010-21 - LOQ 1 **CFU/25	Absent	PASS
Microbial Salmonella	PCR	Complies with CDPHE 6 CCR 1010-21 - LOQ 1 CFU/25 gram	Absent	PASS
Microbial Yeast and Mold	Culture Plating	Complies with CDPHE 6 CCR 1010-21 - LOQ 10^2 CFU/gram	Below LOQ	PASS
Microbial Total Coliforms*	Culture Plating	Complies with CDPHE 6 CCR 1010-21 - LOQ 10^2 CFU/gram	Below LOQ	PASS
Microbial Total Aerobic Count*	Culture Plating	Complies with CDPHE 6 CCR 1010-21 - LOQ 10^3 CFU/gram	Below LOQ	PASS
Heavy Metals	ICP-MS	Arsenic (As): ≤1.5 ppm† Cadmium (Cd): ≤0.5 ppm Lead (Pb): ≤0.5 ppm Mercury (Hg): ≤1.5 ppm	Below LOQ	PASS
Mycotoxins	ICP-MS	Total Aflatoxins <20 ppb†† Afltoxin B1 < 5 ppb Ochratoxin < 5ppb	Below LOQ	PASS
Residual Solvents	GC-HS-MSD	LOQ: Complies with CDPHE 6 CCR 1010-21 Industrial Hemp Extract	Below LOQ	PASS

Values expressed in scientific notation.

Quality Certified 10^3=1,000

4/26/2023

^{*}Level of Quantification **Colony Forming Units per Gram † Parts Per Million †† Part Per Billion



1000mg CBD Sports Cream

Batch ID or Lot Number: 23094-23	Test: Potency	Reported: 19Apr2023	USDA License: N/A
Matrix:	Test ID:	Started:	Sampler ID:
Concentrate	T000241480	19Apr2023	N/A
	Method(s):	Received:	Status:
	TM14 (HPLC-DAD): Potency –	17Apr2023	Active
	Standard Cannabinoid Analysis		

Cannabinoids	LOD (%)	LOQ (%)	Result (%)	Result (mg/g)
Cannabichromene (CBC)	0.006	0.014	ND	ND
Cannabichromenic Acid (CBCA)	0.005	0.013	ND	ND
Cannabidiol (CBD)	0.014	0.035	1.059	10.59
Cannabidiolic Acid (CBDA)	0.014	0.036	ND	ND
Cannabidivarin (CBDV)	0.003	0.008	ND	ND
Cannabidivarinic Acid (CBDVA)	0.006	0.015	ND	ND
Cannabigerol (CBG)	0.003	0.008	ND	ND
Cannabigerolic Acid (CBGA)	0.013	0.033	ND	ND
Cannabinol (CBN)	0.004	0.010	ND	ND
Cannabinolic Acid (CBNA)	0.009	0.022	ND	ND
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	0.016	0.039	ND	ND
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	0.014	0.035	ND	ND
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	0.013	0.031	ND	ND
Tetrahydrocannabivarin (THCV)	0.003	0.007	ND	ND
Tetrahydrocannabivarinic Acid (THCVA)	0.011	0.028	ND	ND
Total Cannabinoids			1.059	10.59
Total Potential THC			ND	ND
Total Potential CBD			1.059	10.59

Final Approval

PREPARED BY / DATE



Sam Smith 19Apr2023 01:04:00 PM MDT

9Apr2023 1:04:00 PM MDT

APPROVED BY / DATE

Karen Winternheimer 19Apr2023 01:12:00 PM MDT



https://results.botanacor.com/api/v1/coas/uuid/68795156-7c14-446a-bb05-75af7276a0df

Definitions

% = % (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-THCa *(0.877)) and Total CBD = CBD + (CBDa *(0.877)).

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.











Cert #4329.02

CDPHE Certified 687951567c14446abb0575af7276a0df.1



1000mg CBD Sports Cream

Batch ID or Lot Number: 23094-23	Test:	Reported:	USDA License:
	Pesticides	21Apr2023	NA
Matrix:	Test ID:	Started:	Sampler ID:
Concentrate	T000241481	20Apr2023	NA
	Method(s):	Received:	Status:
	TM17 (LC-QQ LC MS/MS)	17Apr2023	NA

Pesticides	Dynamic Range (ppb)	Result (ppb)
Abamectin	288 - 2828	ND
Acephate	40 - 2763	ND
Acetamiprid	40 - 2708	ND
Azoxystrobin	44 - 2714	ND
Bifenazate	40 - 2688	ND
Boscalid	43 - 2728	ND
Carbaryl	40 - 2699	ND
Carbofuran	41 - 2690	ND
Chlorantraniliprole	45 - 2732	ND
Chlorpyrifos	41 - 2801	ND
Clofentezine	285 - 2727	ND
Diazinon	283 - 2736	ND
Dichlorvos	287 - 2753	ND
Dimethoate	41 - 2706	ND
E-Fenpyroximate	295 - 2776	ND
Etofenprox	41 - 2738	ND
Etoxazole	299 - 2739	ND
Fenoxycarb	41 - 2738	ND
Fipronil	56 - 2725	ND
Flonicamid	42 - 2775	ND
Fludioxonil	302 - 2665	ND
Hexythiazox	42 - 2732	ND
Imazalil	294 - 2706	ND
Imidacloprid	43 - 2758	ND
Kresoxim-methyl	42 - 2745	ND

	Dynamic Range (ppb)	Result (ppb)
Malathion	302 - 2695	ND
Metalaxyl	43 - 2697	ND
Methiocarb	41 - 2721	ND
Methomyl	43 - 2742	ND
MGK 264 1	164 - 1656	ND
MGK 264 2	113 - 1058	ND
Myclobutanil	42 - 2719	ND
Naled	42 - 2712	ND
Oxamyl	41 - 2731	ND
Paclobutrazol	45 - 2694	ND
Permethrin	312 - 2754	ND
Phosmet	41 - 2681	ND
Prophos	283 - 2712	ND
Propoxur	42 - 2698	ND
Pyridaben	295 - 2746	ND
Spinosad A	31 - 2088	ND
Spinosad D	69 - 670	ND
Spiromesifen	280 - 2738	ND
Spirotetramat	297 - 2732	ND
Spiroxamine 1	19 - 1212	ND
Spiroxamine 2	23 - 1520	ND
Tebuconazole	276 - 2721	ND
Thiacloprid	40 - 2710	ND
Thiamethoxam	41 - 2759	ND
Trifloxystrobin	43 - 2703	ND

Final Approval



Karen Winternheimer 21Apr2023 09:52:00 AM MDT

Samantha Smill

APPROVED BY / DATE

https://results.botanacor.com/api/v1/coas/uuid/716dfcfc-743d-4ed6-9a5d-5fe07c8c69e1

Sam Smith

21Apr2023

09:54:00 AM MDT

Definitions

ND = None Detected (defined by dynamic range of the method)
Dynamic Range = Limit of Quantitation (LOQ) through Upper Limit of Method Range
ppb = Parts Per Billion

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Cert #4329.02 716dfcfc743d4ed69a5d5fe07c8c69e1.1



1000mg CBD Sports Cream

Batch ID or Lot Number: 23094-23	Test:	Reported:	USDA License:
	Residual Solvents	19Apr2023	N/A
Matrix:	Test ID:	Started:	Sampler ID:
Concentrate	T000241484	19Apr2023	N/A
	Method(s):	Received:	Status:
	TM04 (GC-MS): Residual Solvents	17Apr2023	Active

Residual Solvents	Dynamic Range (ppm)	Result (ppm)	Notes
Propane	103 - 2056	ND	
Butanes (Isobutane, n-Butane)	212 - 4237	ND	
Methanol	65 - 1301	ND	
Pentane	105 - 2106	ND	
Ethanol	105 - 2093	ND	
Acetone	102 - 2045	ND	
Isopropyl Alcohol	106 - 2128	188	
Hexane	6 - 124	ND	
Ethyl Acetate	104 - 2073	ND	
Benzene	0.2 - 4.1	0.3	
Heptanes	102 - 2045	ND	
Toluene	18 - 354	ND	
Xylenes (m,p,o-Xylenes)	131 - 2629	ND	

Final Approval



Karen Winternheimer 19Apr2023 02:17:00 PM MDT



Sam Smith 19Apr2023 02:19:00 PM MDT



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Definitions

ND = None Detected (defined by dynamic range of the method)
Dynamic Range = Limit of Quantitation (LOQ) through Upper Limit of Method Range

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Cert #4329.02

CDPHE Certified 20272645027644279d8095ff4f24fe33.1





1000mg CBD Sports Cream

Batch ID or Lot Number: 23094-23	Test: Heavy Metals	Reported: 18Apr2023	USDA License: NA
Matrix:	Test ID:	Started:	Sampler ID:
Unit Co	T000241483	17Apr2023	NA
	Method(s):	Received:	Status:
	TM19 (ICP-MS): Heavy Metals	17Apr2023	NA

Heavy Metals	Dynamic Range (ppm)	Result (ppm)	Notes	
Arsenic	0.04 - 4.12	ND		
Cadmium	0.04 - 4.20	ND		
Mercury	0.04 - 4.24	ND		
Lead	0.04 - 4.10	ND		

Final Approval

Samantha Smull

Sam Smith 18Apr2023 02:55:00 PM MDT

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APPROVED BY / DATE

Karen Winternheimer 18Apr2023 03:00:00 PM MDT



PREPARED BY / DATE

https://results.botanacor.com/api/v1/coas/uuid/fb3bf41d-9d62-46f1-a374-8b67374f88d3

Definitions

ND = None Detected (defined by dynamic range of the method)
Dynamic Range = Limit of Quantitation (LOQ) through Upper Limit of Method Range

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.











Cert #4329.02

CDPHE Certified fb3bf41d9d6246f1a3748b67374f88d3.1



1000mg CBD Sports Cream

Batch ID or Lot Number: 23094-23	Test: Mycotoxins	Reported: 20Apr2023	USDA License: N/A
Matrix:	Test ID:	Started:	Sampler ID:
Concentrate	T000241485	19Apr2023	N/A
	Method(s):	Received:	Status:
	TM18 (UHPLC-QQQ LCMS/MS): Mycotoxins	17Apr2023	Active

Dynamic Range (ppb)	Result (ppb)	Notes	
1.34 - 126.85	ND	N/A	
0.92 - 32.09	ND		
0.95 - 31.84	ND		
0.95 - 32.12	ND		
0.98 - 32.42	ND		
Total Aflatoxins (B1, B2, G1, and G2)			
	1.34 - 126.85 0.92 - 32.09 0.95 - 31.84 0.95 - 32.12 0.98 - 32.42	1.34 - 126.85 ND 0.92 - 32.09 ND 0.95 - 31.84 ND 0.95 - 32.12 ND 0.98 - 32.42 ND	1.34 - 126.85 ND N/A 0.92 - 32.09 ND 0.95 - 31.84 ND 0.95 - 32.12 ND 0.98 - 32.42 ND

Final Approval

PREPARED BY / DATE

Sam Smith 20Apr2023

11:43:00 AM MDT

APPROVED BY / DATE

11:45:00 AM MDT

Karen Winternheimer 20Apr2023



https://results.botanacor.com/api/v1/coas/uuid/bc87625f-579e-4254-87ec-027d9497aa8a

ND = None Detected (defined by dynamic range of the method) Dynamic Range = Limit of Quantitation (LOQ) through Upper Limit of Method Range

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1000mg CBD Sports Cream

Batch ID or Lot Number: 23094-23	Test: Microbial Contaminants	Reported: 20Apr2023	USDA License: N/A			
Matrix:	Test ID:	Started:	Sampler ID:			
Finished Product	T000241482	17Apr2023	N/A			
	Method(s):	Received:	Status:			
	TM25 (qPCR) TM24, TM26, TM27	17Apr2023	Active			
	(Culture Plating): Microbial (Colorado					
	Panel)					

Microbial			Quantitation		
Contaminants	Method	LOD	Range	Result	Notes
STEC	TM25: PCR	10 ⁰ CFU/25g	NA	Absent	Free from visual mold, mildew, and foreign matter
Salmonella	TM25: PCR	10 ⁰ CFU/25g	NA	Absent	— Toreign matter
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 20Apr2023 12:25:00 PM MDT

APPROVED BY / DATE

Eden Thompson

Eden Thompson-Wright 20Apr2023 04:44:00 PM MDT



PREPARED BY / DATE

https://results.botanacor.com/api/v1/coas/uuid/5f498f73-056d-4edb-a466-465877daefbe

Definitions

* 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

CFU/g = Colony Forming Units per Gram, LOD = Limit of Detection ULOQ = Upper Limit of Quantitation, LLOQ = Lower Limit of Quantitation

STEC = Shiga Toxin-Producing E. coli

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