

# CERTIFICATE OF ANALYSIS

**PRODUCT NAME:** CBD Sports Cream  
**PRODUCT STRENGTH:** 1000mg / bottle  
**BATCH:** 23342-01  
**BEST BY DATE:** 12/08/2025

### Physical Attributes

| Test                    | Method   | Specification  | Results |
|-------------------------|----------|--|---------|
| Color                   | Internal | White to off white   | PASS    |
| Odor                    | Internal | Blend of Menthol, Camphor, Eucalyptus, Lavender, Rosemary, Wintergreen & Marjoram.                               | PASS    |
| Appearance              | Internal | Creamy smooth cream consistency with medium viscosity  | PASS    |
| Primary Package Eval.   | Internal | Container clean and free of filth. Lid intact.   | PASS    |
| Secondary Package Eval. | 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 |
|---|-----------------|--|------------------|-----------|
| <b>Potency - Total CBD</b>                  | HPLC-UV DAD     | LOQ*: $\geq 1000\text{mg} / \text{bottle}$   | <b>1056mg</b>    | PASS      |
| <b>Potency - D9-THC</b>                     | HPLC-UV DAD     | LOQ: $<0.01\% \text{ THC (Broad Spectrum)}$  | <b>Below LOQ</b> | PASS      |
| <b>Expanded Pesticide Panel</b>             | HPLC-QQQ        | LOQ: Complies with CDPHE 6 CCR 1010-21 Industrial Hemp Extract   | <b>Below LOQ</b> | PASS      |
| <b>Microbial</b><br>Escherichia coli (STEC) | PCR             | Complies with CDPHE 6 CCR 1010-21 - LOQ 1 **CFU/25   | <b>Absent</b>    | PASS      |
| <b>Microbial</b><br>Salmonella              | PCR             | Complies with CDPHE 6 CCR 1010-21 - LOQ 1 CFU/25 gram  | <b>Absent</b>    | PASS      |
| <b>Microbial</b><br>Yeast and Mold          | Culture Plating | Complies with CDPHE 6 CCR 1010-21 - LOQ $10^2 \text{ CFU/gram}$  | <b>Below LOQ</b> | PASS      |
| <b>Microbial</b><br>Total Coliforms*        | Culture Plating | Complies with CDPHE 6 CCR 1010-21 - LOQ $10^2 \text{ CFU/gram}$  | <b>Below LOQ</b> | PASS      |
| <b>Microbial</b><br>Total Aerobic Count*    | Culture Plating | Complies with CDPHE 6 CCR 1010-21 - LOQ $10^3 \text{ CFU/gram}$  | <b>Below LOQ</b> | PASS      |
| <b>Heavy Metals</b>                         | ICP-MS          | Arsenic (As): $\leq 1.5 \text{ ppm}\dagger$<br>Cadmium (Cd): $\leq 0.5 \text{ ppm}$<br>Lead (Pb): $\leq 0.5 \text{ ppm}$<br>Mercury (Hg): $\leq 1.5 \text{ ppm}$ | <b>Below LOQ</b> | PASS      |
| <b>Mycotoxins</b>                           | ICP-MS          | Total Aflatoxins $<20 \text{ ppb}\dagger\dagger$<br>Aflatoxin B1 $< 5 \text{ ppb}$<br>Ochratoxin $< 5 \text{ ppb}$   | <b>Below LOQ</b> | PASS      |
| <b>Residual Solvents</b>                    | GC-HS-MSD       | LOQ: Complies with CDPHE 6 CCR 1010-21 Industrial Hemp Extract   | <b>Below LOQ</b> | PASS      |

\*Level of Quantification  
 \*\*Colony Forming Units per Gram  
 † Parts Per Million †† Part Per Billion

Values expressed in scientific notation.  
 Examples:  
 $10^2=100$   
 $10^3=1,000$

Quality Certified



Name

1/12/2024

Date

**1000mg CBD Cream-Menthol**


|  |                                       |                             |             |
|--|---------------------------------------|-----------------------------|-------------|
| Batch ID or Lot Number:<br><b>23342-01</b> | Test, Test ID and Methods:<br>Various | Matrix:<br>Finished Product | Page 2 of 6 |
| Reported:<br><b>15Dec2023</b>              | Started:<br>13Dec2023                 | Received:<br>13Dec2023      |             |


**Cannabinoids - Colorado Compliance**

Test ID: T000264816  
Methods: TM14 (HPLC-DAD): Potency – Standard

| Cannabinoid Analysis                         | LOD (%) | LOQ (%) | Result (%)   | Result (mg/g) | Notes |
|--|---------|---------|--------------|---------------|-------|
| Cannabichromene (CBC)                        | 0.006   | 0.020   | ND           | ND            |       |
| Cannabichromenic Acid (CBCA)                 | 0.005   | 0.019   | ND           | ND            |       |
| Cannabidiol (CBD)                            | 0.017   | 0.050   | 0.932        | 9.32          |       |
| Cannabidiolic Acid (CBDA)                    | 0.018   | 0.051   | ND           | ND            |       |
| Cannabidivarin (CBDV)                        | 0.004   | 0.012   | ND           | ND            |       |
| Cannabidivarinic Acid (CBDVA)                | 0.007   | 0.021   | ND           | ND            |       |
| Cannabigerol (CBG)                           | 0.003   | 0.012   | 0.069        | 0.69          |       |
| Cannabigerolic Acid (CBGA)                   | 0.014   | 0.048   | ND           | ND            |       |
| Cannabinol (CBN)                             | 0.004   | 0.015   | ND           | ND            |       |
| Cannabinolic Acid (CBNA)                     | 0.010   | 0.033   | ND           | ND            |       |
| Delta 8-Tetrahydrocannabinol (Delta 8-THC)   | 0.017   | 0.057   | ND           | ND            |       |
| Delta 9-Tetrahydrocannabinol (Delta 9-THC)   | 0.015   | 0.052   | ND           | ND            |       |
| Delta 9-Tetrahydrocannabinolic Acid (THCA-A) | 0.014   | 0.046   | ND           | ND            |       |
| Tetrahydrocannabivarin (THCV)                | 0.003   | 0.010   | ND           | ND            |       |
| Tetrahydrocannabivarinic Acid (THCVA)        | 0.012   | 0.041   | ND           | ND            |       |
| <b>Total Cannabinoids</b>                    |         |         | <b>1.001</b> | <b>10.01</b>  |       |
| Total Potential THC                          |         |         | ND           | ND            |       |
| Total Potential CBD                          |         |         | 0.932        | 9.32          |       |

**Final Approval**

  
Sam Smith  
18Dec2023  
02:50:00 PM MST  
PREPARED BY / DATE

  
Karen Winternheimer  
18Dec2023  
02:53:00 PM MST  
APPROVED BY / DATE

**1000mg CBD Cream-Menthol**


|  |                                       |                             |             |
|--|---------------------------------------|-----------------------------|-------------|
| Batch ID or Lot Number:<br><b>23342-01</b> | Test, Test ID and Methods:<br>Various | Matrix:<br>Finished Product | Page 1 of 6 |
| Reported:<br><b>15Dec2023</b>              | Started:<br>13Dec2023                 | Received:<br>13Dec2023      |             |


**Mycotoxins - Colorado Compliance**

Test ID: T000264821  
Methods: TM18 (UHPLC-QQQ)

| LCMS/MS: Mycotoxins                   | Dynamic Range (ppb) | Result (ppb) | Notes |
|---------------------------------------|---------------------|--------------|-------|
| Ochratoxin A                          | 3.21 - 120.76       | ND           | N/A   |
| Aflatoxin B1                          | 1.23 - 30.67        | ND           |       |
| Aflatoxin B2                          | 1.36 - 30.40        | ND           |       |
| Aflatoxin G1                          | 1.29 - 30.71        | ND           |       |
| Aflatoxin G2                          | 1.39 - 31.17        | ND           |       |
| Total Aflatoxins (B1, B2, G1, and G2) |                     | ND           |       |

**Final Approval**

  
PREPARED BY / DATE  
Sam Smith  
15Dec2023  
06:47:00 AM MST

  
APPROVED BY / DATE  
Karen Winternheimer  
15Dec2023  
11:32:00 AM MST

**1000mg CBD Cream-Menthol**

|  |                                       |                             |             |
|--|---------------------------------------|-----------------------------|-------------|
| Batch ID or Lot Number:<br><b>23342-01</b> | Test, Test ID and Methods:<br>Various | Matrix:<br>Finished Product | Page 4 of 6 |
| Reported:<br><b>15Dec2023</b>              | Started:<br>13Dec2023                 | Received:<br>13Dec2023      |             |


**Pesticides**


Test ID: T000264817

Methods: TM17

| (LC-QQ LC MS/MS)    | Dynamic Range (ppb) | Result (ppb) |  | Dynamic Range (ppb) | Result (ppb) |    |
|---------------------|---------------------|--------------|--|---------------------|--------------|----|
| Abamectin           | 261 - 2803          | ND           |  | Malathion           | 288 - 2663   | ND |
| Acephate            | 43 - 2806           | ND           |  | Metalaxyl           | 45 - 2682    | ND |
| Acetamiprid         | 45 - 2739           | ND           |  | Methiocarb          | 45 - 2698    | ND |
| Azoxystrobin        | 46 - 2680           | ND           |  | Methomyl            | 42 - 2816    | ND |
| Bifenazate          | 45 - 2682           | ND           |  | MGK 264 1           | 164 - 1629   | ND |
| Boscalid            | 52 - 2727           | ND           |  | MGK 264 2           | 110 - 1084   | ND |
| Carbaryl            | 43 - 2713           | ND           |  | Myclobutanil        | 14 - 2686    | ND |
| Carbofuran          | 44 - 2690           | ND           |  | Naled               | 47 - 2670    | ND |
| Chlorantraniliprole | 41 - 2652           | ND           |  | Oxamyl              | 43 - 2820    | ND |
| Chlorpyrifos        | 41 - 2702           | ND           |  | Paclobutrazol       | 40 - 2715    | ND |
| Clofentezine        | 276 - 2742          | ND           |  | Permethrin          | 277 - 2734   | ND |
| Diazinon            | 293 - 2684          | ND           |  | Phosmet             | 45 - 2564    | ND |
| Dichlorvos          | 289 - 2802          | ND           |  | Prophos             | 274 - 2674   | ND |
| Dimethoate          | 42 - 2782           | ND           |  | Propoxur            | 45 - 2699    | ND |
| E-Fenpyroximate     | 280 - 2759          | ND           |  | Pyridaben           | 287 - 2678   | ND |
| Etofenprox          | 43 - 2686           | ND           |  | Spinosad A          | 33 - 2092    | ND |
| Etoxazole           | 278 - 2626          | ND           |  | Spinosad D          | 65 - 662     | ND |
| Fenoxycarb          | 47 - 2684           | ND           |  | Spiromesifen        | 267 - 2700   | ND |
| Fipronil            | 33 - 2818           | ND           |  | Spirotetramat       | 302 - 2752   | ND |
| Flonicamid          | 43 - 2860           | ND           |  | Spiroxamine 1       | 16 - 1013    | ND |
| Fludioxonil         | 313 - 2681          | ND           |  | Spiroxamine 2       | 24 - 1579    | ND |
| Hexythiazox         | 46 - 2725           | ND           |  | Tebuconazole        | 303 - 2661   | ND |
| Imazalil            | 288 - 2718          | ND           |  | Thiacloprid         | 42 - 2788    | ND |
| Imidacloprid        | 44 - 2830           | ND           |  | Thiamethoxam        | 41 - 2835    | ND |
| Kresoxim-methyl     | 46 - 2690           | ND           |  | Trifloxystrobin     | 43 - 2729    | ND |

**Final Approval**

  
 Karen Winternheimer  
 19Dec2023  
 09:09:00 AM MST  
 PREPARED BY / DATE

  
 Sam Smith  
 19Dec2023  
 09:36:00 AM MST  
 APPROVED BY / DATE

Prepared for:

## 1000mg CBD Cream-Menthol

|  |                                       |                             |             |
|--|---------------------------------------|-----------------------------|-------------|
| Batch ID or Lot Number:<br><b>23342-01</b> | Test, Test ID and Methods:<br>Various | Matrix:<br>Finished Product | Page 5 of 6 |
| Reported:<br><b>15Dec2023</b>              | Started:<br>13Dec2023                 | Received:<br>13Dec2023      |             |

## Residual Solvents - Colorado Compliance

Test ID: T000264820


Methods: TM04 (GC-MS): Residual

| Solvents                      | Dynamic Range (ppm) | Result (ppm) | Notes |
|-------------------------------|---------------------|--------------|-------|
| Propane                       | 102 - 2031          | ND           |       |
| Butanes (Isobutane, n-Butane) | 195 - 3901          | ND           |       |
| Methanol                      | 68 - 1358           | ND           |       |
| Pentane                       | 104 - 2071          | ND           |       |
| Ethanol                       | 111 - 2221          | ND           |       |
| Acetone                       | 109 - 2183          | ND           |       |
| Isopropyl Alcohol             | 123 - 2463          | ND           |       |
| Hexane                        | 7 - 132             | ND           |       |
| Ethyl Acetate                 | 112 - 2234          | ND           |       |
| Benzene                       | 0.2 - 4.4           | ND           |       |
| Heptanes                      | 105 - 2106          | ND           |       |
| Toluene                       | 20 - 406            | ND           |       |
| Xylenes (m,p,o-Xylenes)       | 149 - 2988          | ND           |       |

### Final Approval

 Karen Winternheimer  
19Dec2023  
08:26:00 AM MST

PREPARED BY / DATE

 Sam Smith  
19Dec2023  
08:49:00 AM MST

APPROVED BY / DATE

**1000mg CBD Cream-Menthol**


|  |                                       |                             |             |
|--|---------------------------------------|-----------------------------|-------------|
| Batch ID or Lot Number:<br><b>23342-01</b> | Test, Test ID and Methods:<br>Various | Matrix:<br>Finished Product | Page 6 of 6 |
| Reported:<br><b>15Dec2023</b>              | Started:<br>13Dec2023                 | Received:<br>13Dec2023      |             |


**Heavy Metals -  
Colorado Compliance**

Test ID: T000264819  
Methods: TM19 (ICP-MS): Heavy

| Metals  | Dynamic Range (ppm) | Result (ppm) | Notes |
|---------|---------------------|--------------|-------|
| Arsenic | 0.04 - 4.06         | ND           |       |
| Cadmium | 0.04 - 4.19         | ND           |       |
| Mercury | 0.04 - 4.23         | ND           |       |
| Lead    | 0.04 - 4.16         | ND           |       |

**Final Approval**

  
PREPARED BY / DATE  
Sam Smith  
20Dec2023  
09:15:00 AM MST

  
APPROVED BY / DATE  
Karen Winternheimer  
20Dec2023  
10:52:00 AM MST



<https://results.botanacor.com/api/v1/coas/uuid/04cd849c-65e0-43aa-be2b-277100c40f08>

**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: 10<sup>2</sup> = 100 CFU, 10<sup>3</sup> = 1,000 CFU, 10<sup>4</sup> = 10,000 CFU, 10<sup>5</sup> = 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 A2LA Cert #: 4329.02 Chemical; 4329.03 Biological. Some tests listed on this COA may not be within our scope of A2LA accreditation. Please visit [A2LA for more details](#).



Cert #4329.02  
04cd849c65e043aabe2b277100c40f08.1

**1000mg CBD Cream-Menthol**

|  |                                       |                             |             |
|--|---------------------------------------|-----------------------------|-------------|
| Batch ID or Lot Number:<br><b>23342-01</b> | Test, Test ID and Methods:<br>Various | Matrix:<br>Finished Product | Page 3 of 6 |
| Reported:<br><b>15Dec2023</b>              | Started:<br>13Dec2023                 | Received:<br>13Dec2023      |             |

**Microbial  
Contaminants -  
Colorado Compliance**

Test ID: T000264818  
Methods: TM25 (qPCR) TM24, TM26,  
TM27 (Culture Plating): Microbial  
(Colorado Panel)

|                       | Method                | LOD                     | Quantitation<br>Range                     | Result        | Notes   |
|-----------------------|-----------------------|-------------------------|---|---------------|---|
| STEC                  | TM25: PCR             | 10 <sup>0</sup> CFU/25g | NA  | Absent        | Free from visual mold, mildew, and foreign matter |
| <i>Salmonella</i>     | TM25: PCR             | 10 <sup>0</sup> CFU/25g | NA  | Absent        |   |
| Total Yeast and Mold* | TM24: Culture Plating | 10 <sup>1</sup> CFU/g   | 1.0x10 <sup>2</sup> - 1.5x10 <sup>4</sup> | None Detected |   |
| Total Aerobic Count*  | TM26: Culture Plating | 10 <sup>2</sup> CFU/g   | 1.0x10 <sup>3</sup> - 1.5x10 <sup>5</sup> | None Detected |   |
| Total Coliforms*      | TM27: Culture Plating | 10 <sup>1</sup> CFU/g   | 1.0x10 <sup>2</sup> - 1.5x10 <sup>4</sup> | None Detected |   |

**Final Approval**

  
Brianne Maillot  
18Dec2023  
11:59:00 AM MST

PREPARED BY / DATE

  
Brett Hudson  
18Dec2023  
01:50:00 PM MST

APPROVED BY / DATE