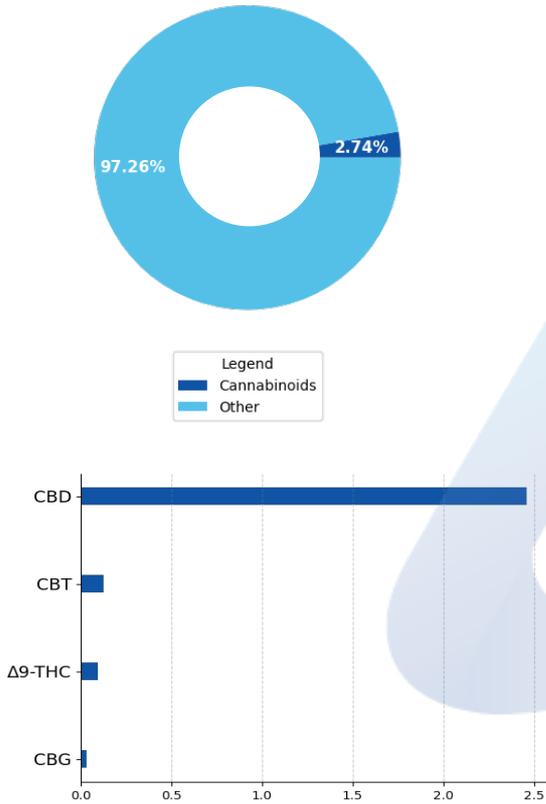


Organic Muscle Cream 2000mg

| | | | | | |
|---------------------|------------|------------------|------------|-------------------|------------------------|
| Batch ID: | 22B1062111 | Received: | 11/22/2022 | Analysis: | 18 Cannabinoid Potency |
| Sample Type: | Topical | Analyzed: | 11/23/2022 | Method: | 2021.18P.01 |
| | | Test ID: | 5622 | Equipment: | UHPLC |

CANNABINOID PROFILE
TOTAL CANNABINOID CONTENT


| Cannabinoid | LOD (%) | LOQ (%) | Result (%) | Result (mg/g) |
|------------------------------------|----------|----------|-----------------------|---------------|
| Cannabidiol (CBD) | 4.29e-05 | 1.30e-04 | 2.46 ± 0.066 | 24.63 |
| Cannabigerol (CBG) | 4.11e-05 | 1.25e-04 | 0.03 ± 0.00086 | 0.32 |
| Δ9-Tetrahydrocannabinol (Δ9-THC) | 7.72e-05 | 2.34e-04 | 0.09 ± 0.0025 | 0.92 |
| Cannabicitran (CBT) | 3.95e-05 | 1.20e-04 | 0.13 ± 0.0034 | 1.27 |
| Cannabichromene (CBC) | 6.99e-05 | 2.12e-04 | 0.02 ± 0.00060 | 0.22 |
| Cannabinol (CBN) | 3.93e-05 | 1.19e-04 | 0.00 ± 4.1e-05 | 0.02 |
| Cannabicyclol (CBL) | 4.58e-05 | 1.39e-04 | ND | ND |
| Cannabicyclolol acid (CBLA) | 4.00e-05 | 1.21e-04 | ND | ND |
| Tetrahydrocannavarin (THCV) | 4.04e-05 | 1.23e-04 | ND | ND |
| Δ8-Tetrahydrocannabinol (Δ8-THC) | 4.73e-05 | 1.43e-04 | ND | ND |
| Cannabinolic (CBNA) | 4.70e-05 | 1.42e-04 | ND | ND |
| Tetrahydrocannavarin Acid (THCVA) | 3.66e-05 | 1.11e-04 | ND | ND |
| Cannabigerolic acid (CBGA) | 3.98e-05 | 1.21e-04 | ND | ND |
| Cannabidiolic acid (CBDA) | 4.15e-05 | 1.26e-04 | ND | ND |
| Cannabidivarin (CBDV) | 3.97e-05 | 1.20e-04 | 0.01 ± 0.00017 | 0.06 |
| Tetrahydrocannabinolic Acid (THCA) | 3.86e-05 | 1.17e-04 | ND | ND |
| Cannabichromenic acid (CBCA) | 3.99e-05 | 1.21e-04 | ND | ND |
| Cannabidivarinic Acid (CBDVA) | 3.99e-05 | 1.21e-04 | ND | ND |
| Total Cannabinoid** | | | 2.74 | 27.43 |
| Total Potential THC* | | | 0.09 ± 0.0025 | 0.92 |
| Total Potential CBD* | | | 2.46 ± 0.066 | 24.63 |
| Total Potential CBG* | | | 0.03 ± 0.00086 | 0.32 |

* Total Potential THC/CBD/CBG is calculated using the following formulas to consider the loss of a carboxyl group during decarboxylation step.

* Total THC = THC + (THCa *(0.877)) and Total CBD = CBD + (CBDA *(0.877)) and Total CBG = CBG + (CBGa*(0.877))

** Total Cannabinoids result reflects the absolute sum of all cannabinoids detected.

% = % (w/w) = Percent (Weight of Analyte / Weight of Product)

REMARKS

Passed visual inspection for particulates, mold, mildew, and other foreign substances.

FINAL AUTHORIZATION

| | | |
|--|---|---|
|  |  |  |
| Katie Little, Analytical Scientist 11/23/2022 12:25 PM | Logan Cline, Director of Analytical Development 11/23/2022 12:45 PM | John Reser, Quality Analyst 11/23/2022 12:46 PM |
| ANALYZED BY/DATE | AUTHORIZED BY/DATE | RELEASED BY/DATE |

Laboratory results are based on the sample submitted to Minova Laboratories in the condition it was received. Minova Laboratories warrants that all analyses performed are in accordance with ISO/IEC 17025:2017. All data is generated using NIST traceable reference material and all reports are produced with the highest regard for scientific integrity. Reports can only be reproduced with the written consent of Minova Laboratories.

Organic Muscle Cream 2000mg

| | | | | | |
|---------------------|------------|------------------|------------|-------------------|-------------------|
| Batch ID: | 22B1062111 | Received: | 11/22/2022 | Analysis: | Residual Solvents |
| Sample Type: | Topical | Analyzed: | 12/01/2022 | Method: | 2021.RS.01 |
| | | Test ID: | 5673 | Equipment: | GCMS |

RESIDUAL SOLVENTS

| SOLVENT | REPORTABLE RANGE | RESULT (ppm) |
|-------------------|------------------|--------------|
| Acetone | 100 - 1000 | *ND |
| Acetonitrile | 100 - 1000 | *ND |
| Benzene | 0.2 - 4 | *ND |
| Butanes | 100 - 1000 | *ND |
| Ethanol | 100 - 1000 | *ND |
| Ethyl Acetate | 100 - 1000 | *ND |
| Heptane | 100 - 1000 | *ND |
| Hexanes | 6 - 120 | *ND |
| Isopropyl Alcohol | 100 - 1000 | *ND |
| Methanol | 100 - 1000 | *ND |
| Pentanes | 100 - 1000 | *ND |
| Propane | 100 - 1000 | *ND |
| Toluene | 18 - 360 | *ND |
| Xylenes | 43 - 860 | *ND |

*ND = Below Reportable Range

REMARKS

Passed visual inspection for particulates, mold, mildew, and other foreign substances.

FINAL AUTHORIZATION

| | | |
|--|---|---|
|  |  |  |
| Katie Little, Analytical Scientist 10:26 AM | Logan Cline, Director of Analytical Development 12/01/2022 11:41 AM | John Reser, Quality Analyst 12/01/2022 12:09 PM |
| ANALYZED BY/DATE | AUTHORIZED BY/DATE | RELEASED BY/DATE |

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Organic Muscle Cream 2000mg

| | | | | | |
|---------------------|------------|------------------|------------|-------------------|--|
| Batch ID: | 22B1062111 | Received: | 11/22/2022 | Analysis: | Quantitative Microbial Panel - CO Compliance |
| Sample Type: | Topical | Analyzed: | 12/01/2022 | Method: | 2022.QMP.01 |
| | | Test ID: | 5623 | Equipment: | qPCR + Culture Plating |

QUANTITATIVE MICROBIAL PANEL - CO COMPLIANCE

| CONTAMINANT | METHOD | LOD | QUANTITATIVE RANGE | RESULT |
|---------------------------|-----------------|---------|--------------------|--------|
| Total Yeast and Mold | Culture Plating | 1.0E+02 | 1.0E+03-1.0E+05 | ND |
| Total Aerobic Plate Count | Culture Plating | 1.0E+03 | 1.0E+04-1.0E+06 | ND |
| Total Coliforms | Culture Plating | 1.0E+01 | 1.0E+02-1.0E+04 | ND |
| Salmonella | qPCR | 1.0E+00 | Not Applicable | Absent |
| E.coli (STEC) | qPCR | 1.0E+00 | Not Applicable | Absent |

***This method is not covered under the current A2LA and CDPHE scope and is pending accreditation.*

All numerical values indicated above are reported in CFU/g.

Limit of Detection (LOD) is the lowest detectable limit of qPCR.

Quantitative Range is the LLOQ and ULOQ from plating, where quantitative results are derived.

Any value above the ULOQ will be reported as too numerous to count (TNTC). Any value below the LLOQ will be reported as below LOQ.

Values are expressed in scientific notation.

Example: 1.0E+03 = 1,000 CFU

REMARKS
FINAL AUTHORIZATION


 Alex Bujanow, Microbiologist
 12/01/2022 03:20 PM

ANALYZED BY/DATE


 Logan Cline, Director of Analytical Development
 12/01/2022 03:43 PM

AUTHORIZED BY/DATE


 John Reser, Quality Analyst
 12/01/2022 03:44 PM

RELEASED BY/DATE

Laboratory results are based on the sample submitted to Minova Laboratories in the condition it was received. Minova Laboratories warrants that all analyses performed are in accordance with ISO/IEC 17025:2017. All data is generated using NIST traceable reference material and all reports are produced with the highest regard for scientific integrity. Reports can only be reproduced with the written consent of Minova Laboratories.

Product Specification

Organic CBD Muscle Cream 2000mg

Product Information

| | |
|----------------------|--|
| Product | Muscle Cream |
| Botanical name | <i>Cannabis sativa</i> L. |
| Plant Part | Flower |
| Country of Origin | USA |
| Extraction Process | CO2 Extraction, Winterization, Distillation |
| Ingredient Statement | Shea, Menthol, Jojoba, Beeswax, Arnica, Organic CO2-extracted Hemp Oil, Rosemary, Lavender |

Organoleptic Description

| | |
|------------|-----------------------------|
| Appearance | White to pale yellow cream |
| Aroma | Menthol, rosemary, lavender |

Physical Characteristics

| | |
|-------------------------------------|----------|
| Cannabidiol Content (CBD): | ≥ 2000mg |
| Tetrahydrocannabinol Content (THC): | < 0.3% |

Shelf Life

Shelf life in original metal tin for up to 2 years.

Contamination

| | |
|-------------|--------|
| Salmonella: | Absent |
|-------------|--------|

Packaging

2.8oz (84g) in screw top metal tin.
Larger quantities by arrangement

Recommended Storage Conditions

Store at ambient conditions in airtight container.

Kosher Certification

CBD Muscle Cream is certified Kosher by the Orthodox Union, UKD-ID: OUV3-EGSKT88

USDA Organic Certification

Organic Muscle Cream was audited by Pro-Cert Organics and is certified USDA Organic, Certificate Reg #676.

I declare that the information given is believed to be correct as of date specified below.

Name: Haley Jones

Title: Quality Manager

Date: September 8, 2022

Version: 1.2

Version Date: 9/8/2022