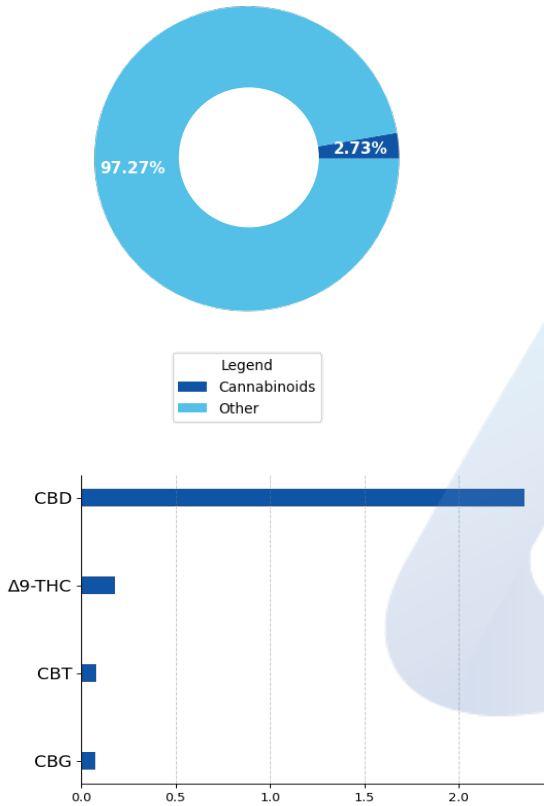


**Muscle Cream**

<b>Batch ID:</b>	22B1061503	<b>Received:</b>	03/22/2022	<b>Analysis:</b>	18 Cannabinoid Potency
<b>Sample Type:</b>	Topical	<b>Analyzed:</b>	03/24/2022	<b>Method:</b>	2021.18P.01
		<b>Test ID:</b>	3197	<b>Equipment:</b>	UHPLC

**CANNABINOID PROFILE**
**TOTAL CANNABINOID CONTENT**


Cannabinoid	LOD (%)	LOQ (%)	Result (%)	Result (mg/g)
Cannabidiol (CBD)	4.29e-05	1.30e-04	2.35 ± 0.063	23.50
Cannabigerol (CBG)	4.11e-05	1.25e-04	0.07 ± 0.0020	0.73
Δ9-Tetrahydrocannabinol (Δ9-THC)	7.72e-05	2.34e-04	0.18 ± 0.0048	1.77
Cannabicitran (CBT)	3.95e-05	1.20e-04	0.08 ± 0.0022	0.81
Cannabichromene (CBC)	6.99e-05	2.12e-04	0.04 ± 0.0011	0.42
Cannabinol (CBN)	3.93e-05	1.19e-04	ND	ND
Cannabicyclol (CBL)	4.58e-05	1.39e-04	ND	ND
Cannabicyclol 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	0.00 ± 0.00012	0.04
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	ND	ND
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
<b>Total Cannabinoid**</b>			<b>2.73</b>	<b>27.28</b>
<b>Total Potential THC*</b>			<b>0.18 ± 0.0048</b>	<b>1.77</b>
<b>Total Potential CBD*</b>			<b>2.35 ± 0.063</b>	<b>23.50</b>
<b>Total Potential CBG*</b>			<b>0.07 ± 0.0020</b>	<b>0.73</b>

\* 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**




 Brian McCoy, Analytical Chemist  
 03/24/2022 10:06 AM

 Logan Cline, Director of Analytical Development  
 03/24/2022 11:47 AM

 John Reser, Quality Analyst  
 03/24/2022 12:08 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.

**Muscle Cream**

<b>Batch ID:</b>	22B1061503	<b>Received:</b>	03/22/2022	<b>Analysis:</b>	Residual Solvents
<b>Sample Type:</b>	Topical	<b>Analyzed:</b>	03/24/2022	<b>Method:</b>	2021.RS.01
		<b>Test ID:</b>	3198	<b>Equipment:</b>	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**


 Brian McCoy, Analytical Chemist  
 03/24/2022 11:58 AM

**ANALYZED BY/DATE**


 Logan Cline, Director of Analytical Development  
 03/24/2022 12:16 PM

**AUTHORIZED BY/DATE**


 John Reser, Quality Analyst  
 03/24/2022 12:20 PM

**RELEASED BY/DATE**

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DEA No. RA0571996  
 FL License # CMTL-0003  
 CLIA No. 10D1094068

# Certificate of Analysis

## Compliance Test

**Extract Labs**  
 1399 Horizon Ave.  
 Lafayette, CO 80026

Batch # 22B1061503  
 Batch Date: 2022-03-21  
 Extracted From: Hemp

Test Reg State: Oregon

Order # EXT220321-010001  
 Order Date: 2022-03-21  
 Sample # AACP471

Sampling Date: 2022-03-24  
 Lab Batch Date: 2022-03-24  
 Completion Date: 2022-03-28

Initial Gross Weight: 12.917 g



**Microbiology (qPCR)**  
**Passed**

Product Image

### Potency Panel Not Included

**Microbiology (qPCR)**

Specimen Weight: 229.600 mg

**Passed**  
 (qPCR)

Dilution Factor: 1.000

Analyte	Result	Analyte	Result
Total Aerobic Count	Passed	Total Enterobacteriaceae	Passed
Total Coliform	Passed	Total Yeast/Mold	Passed

Xueli Gao  
 Ph.D., DABT  
 Lab Toxicologist

Aixia Sun  
 D.H.Sc., M.Sc., B.Sc., MT (AAB)  
 Lab Director/Principal Scientist



Definitions and Abbreviations used in this report: \*Total CBD = CBD + (CBD-A \* 0.877), \*Total CBDV = CBDV + (CBDVA \* 0.87), \*Total THC = THCA-A \* 0.877 + Delta 9 THC, \*Total THCV = THCV + (THCVA \* 0.87), \*CBG Total = (CBGA \* 0.877) + CBG, \*CBN Total = (CBNA \* 0.877) + CBN, \*Total CBC = CBC + (CBCA \* 0.877), \*Total THC-O-Acetate = Delta 8 THC-O-Acetate + Delta 9 THC-O-Acetate, \*Other Cannabinoids Total = Total Cannabinoids - All the listed cannabinoids on the summary section, \*Total Detected Cannabinoids = Delta8-THC + Total CBN + CBT + Delta8-THCV + Total CBG + Total CBD + Total THCV + CBL + Total THC + Total CBC + Total CBDV + Delta10-THC + Total THC-O-Acetate, \*Analyte Details above show the Dry Weight Concentrations unless specified as 12% moisture concentration. (mg/ml) = Milligrams per Milliliter, LOQ = Limit of Quantitation, LOD = Limit of Detection, Dilution = Dilution Factor (ppb) = Parts per Billion, (%) = Percent, (cfu/g) = Colony Forming Unit per Gram (cfu/g) = Colony Forming Unit per Gram, , LOD = Limit of Detection, (µg/g) = Microgram per Gram (ppm) = Parts per Million, (ppm) = (µg/g), (aw) = aw (area ratio) = Area Ratio, (mg/Kg) = Milligram per Kilogram

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## Product Specification

### CBD Muscle Cream 1500mg

#### 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, CO2-extracted Hemp Oil, Rosemary, Lavender

#### Organoleptic Description

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

#### Physical Characteristics

Cannabidiol Content (CBD):	≥ 1500mg
Tetrahydrocannabinol Content (THC):	< 0.3%

#### Shelf Life

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

#### Contamination

Salmonella:	Absent
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#### 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

#### GMP Certification

This product was produced in a cGMP Compliant Facility, audited through Eurofins, Certificate #4949.

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

Name: Nick Peters

Title: Quality Manager

Date: March 17, 2022

Version: 1.1

Version Date: 3/17/2022