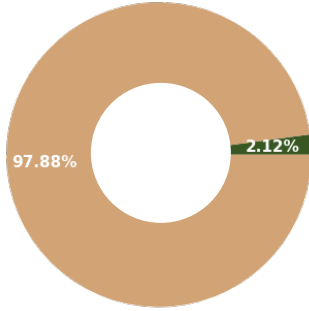
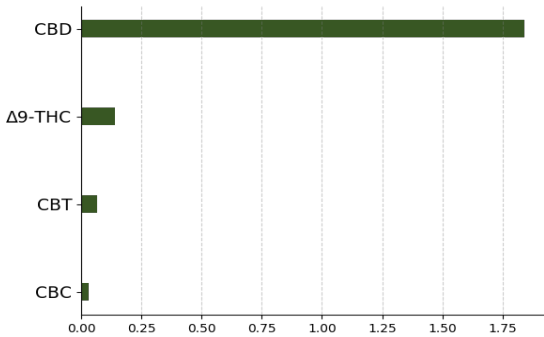


1500mg Muscle Cream

Batch ID:	21B1061711	Received:	11/19/2021	Analysis:	18 Cannabinoid Potency
Sample Type:	Topical	Analyzed:	11/22/2021	Method:	2021.18P.01
		Test ID:	1931	Equipment:	UHPLC

CANNABINOID PROFILE
TOTAL CANNABINOID CONTENT


Legend
 ■ Cannabinoids
 ■ Other



Cannabinoid	LOD (%)	LOQ (%)	Result (%)	Result (mg/g)
Cannabidiol (CBD)	4.29e-05	1.30e-04	1.84 ± 0.050	18.42
Cannabigerol (CBG)	4.11e-05	1.25e-04	0.02 ± 0.00065	0.24
Δ9-Tetrahydrocannabinol (Δ9-THC)	7.72e-05	2.34e-04	0.14 ± 0.0038	1.40
Cannabacitrin (CBT)	3.95e-05	1.20e-04	0.06 ± 0.0017	0.65
Cannabichromene (CBC)	6.99e-05	2.12e-04	0.03 ± 0.00082	0.31
Cannabinol (CBN)	3.93e-05	1.19e-04	0.02 ± 0.00047	0.17
Cannabicyclol (CBL)	4.58e-05	1.39e-04	ND	ND
Cannabicyclic acid (CBLA)	4.00e-05	1.21e-04	ND	ND
Tetrahydrocannabivarin (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
Tetrahydrocannabivarin 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 ± 0.00016	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**			2.12	21.24
Total Potential THC*			0.14 ± 0.0038	1.40
Total Potential CBD*			1.84 ± 0.050	18.42
Total Potential CBG*			0.02 ± 0.00065	0.24

* 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
 11/22/2021 04:03 PM

ANALYZED BY/DATE



Logan Cline, Analytical Development Chemist
 11/22/2021 04:29 PM

AUTHORIZED BY/DATE



John Reser, Quality Analyst
 11/22/2021 04:30 PM

RELEASED BY/DATE

Laboratory results are based on the sample submitted to Extract Labs, INC, in the condition it was received. Extract Labs, INC, 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 Extract Labs, INC.



1500mg Muscle Cream

Batch ID:	21B1061711	Received:	11/19/2021	Analysis:	Residual Solvents
Sample Type:	Topical	Analyzed:	11/22/2021	Method:	2021.RS.01
		Test ID:	1932	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


 Brian McCoy, Analytical Chemist
 11/22/2021 03:47 PM

ANALYZED BY/DATE


 Logan Cline, Analytical Development Chemist
 11/22/2021 03:51 PM

AUTHORIZED BY/DATE


 John Reser, Quality Analyst
 11/22/2021 04:22 PM

RELEASED BY/DATE

Laboratory results are based on the sample submitted to Extract Labs, INC, in the condition it was received. Extract Labs, INC, 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 Extract Labs, INC.



License No. 800025015
 FL License # CMTL-0003
 CLIA No. 10D1094068

Certificate of Analysis

Compliance Test

Extract Labs
 1399 Horizon Ave.
 Lafayette, CO 80026

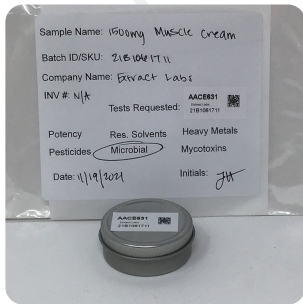
Batch # 21B1061711
 Batch Date: 2021-11-19
 Extracted From: Hemp

Test Reg State: Oregon

Order # EXT211119-010001
 Order Date: 2021-11-19
 Sample # AAC631

Sampling Date: 2021-11-23
 Lab Batch Date: 2021-11-23
 Completion Date: 2021-11-26

Initial Gross Weight: 12.856 g



Product Image

Microbiology (qPCR)
Passed

Potency Panel Not Included

Xueli Gao Lab Toxicologist
 Ph.D., DABT

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



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), *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 = Delta 8 THC-O-Acetate + 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

This report shall not be reproduced, without written approval, from ACS Laboratory. The results of this report relate only to the material or product analyzed. Test results are confidential unless explicitly waived otherwise. Accredited by a third-party accrediting body as a competent testing laboratory pursuant to ISO/IEC 17025 of the International Organization for Standardization.



Certificate of Analysis

Compliance Test

Extract Labs
1399 Horizon Ave.
Lafayette, CO 80026

Batch # 21B1061711
Batch Date: 2021-11-19
Extracted From: Hemp

Test Reg State: Oregon

Order # EXT211119-010001
Order Date: 2021-11-19
Sample # AACE631

Sampling Date: 2021-11-23
Lab Batch Date: 2021-11-23
Completion Date: 2021-11-26

Initial Gross Weight: 12.856 g



Microbiology (qPCR)

Specimen Weight: 239.870 mg

Passed
(qPCR)

Dilution Factor: 1.000

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

Xueli Gao
Xueli Gao
Ph.D., DABT
Lab Toxicologist

Aixia Sun
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), *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 = Delta 8 THC-O-Acetate + 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.

Packaging

Gross weight 4.5oz (128g), net weight 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: April 8, 2021