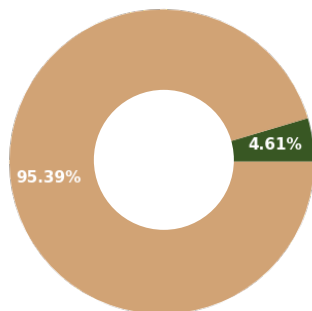
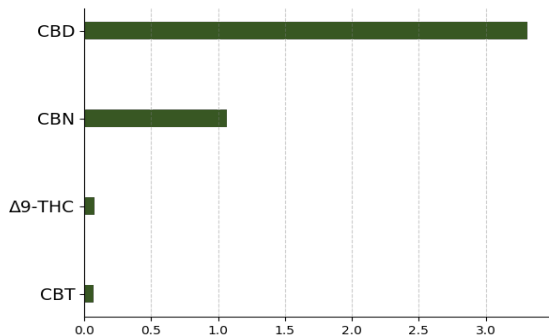


PM Formula Tincture

Batch ID:	21T8101511	Received:	11/16/2021	Analysis:	18 Cannabinoid Potency
Sample Type:	Tincture	Analyzed:	11/17/2021	Method:	2021.18P.01
		Test ID:	1892	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	3.31 ± 0.089	33.14
Cannabigerol (CBG)	4.11e-05	1.25e-04	0.02 ± 0.00055	0.20
Δ9-Tetrahydrocannabinol (Δ9-THC)	7.72e-05	2.34e-04	0.08 ± 0.0021	0.78
Cannabacitrin (CBT)	3.95e-05	1.20e-04	0.07 ± 0.0018	0.68
Cannabichromene (CBC)	6.99e-05	2.12e-04	0.06 ± 0.0017	0.64
Cannabinol (CBN)	3.93e-05	1.19e-04	1.07 ± 0.029	10.68
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	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
Total Cannabinoid**			4.61	46.12
Total Potential THC*			0.08 ± 0.0021	0.78
Total Potential CBD*			3.31 ± 0.089	33.14
Total Potential CBG*			0.02 ± 0.00055	0.20

* 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
 11/17/2021 01:13 PM

ANALYZED BY/DATE


 Logan Cline, Analytical Development Chemist
 11/17/2021 01:55 PM

AUTHORIZED BY/DATE


 John Reser, Quality Analyst
 11/17/2021 01:56 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.

PM Formula Tincture

Batch ID:	21T8101511	Received:	11/16/2021	Analysis:	Residual Solvents
Sample Type:	Tincture	Analyzed:	11/18/2021	Method:	2021.RS.01
		Test ID:	1893	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
 11/18/2021 09:34 AM

ANALYZED BY/DATE


 Logan Cline, Analytical Development Chemist
 11/18/2021 12:04 PM

AUTHORIZED BY/DATE


 John Reser, Quality Analyst
 11/18/2021 02:14 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.



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 FL License # CMTL-0003
 CLIA No. 10D1094068

Certificate of Analysis

Compliance Test

Extract Labs
 1399 Horizon Ave.
 Lafayette, CO 80026

Batch # 21T8101511
 Batch Date: 2021-11-16
 Extracted From: Hemp

Test Reg State: Oregon

Production Facility: Extract Labs

Order # EXT211116-010001
 Order Date: 2021-11-16
 Sample # AAEC227

Sampling Date: 2021-11-18
 Lab Batch Date: 2021-11-18
 Completion Date: 2021-11-22

Initial Gross Weight: 7.796 g
 Volume: 3 ml



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

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Certificate of Analysis

Compliance Test

Extract Labs Batch # 21T8101511 Test Reg State: Oregon Production Facility: Extract Labs
1399 Horizon Ave. Batch Date: 2021-11-16
Lafayette, CO 80026 Extracted From: Hemp

Order # EXT211116-010001 Sampling Date: 2021-11-18 Initial Gross Weight: 7.796 g
Order Date: 2021-11-16 Lab Batch Date: 2021-11-18
Sample # AACE227 Completion Date: 2021-11-22 Volume: 3 ml

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

Specimen Weight: 261.290 mg

Dilution Factor: 1.000

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

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



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Product Specification

PM Formula Hemp Tincture 300mg CBN:900mg CBD

Product Information

Product	PM Formula CBN Tincture
Botanical name	<i>Cannabis sativa</i> L.
Plant Part	Flower
Country of Origin	USA
Extraction Process	CO2 Extraction, Winterization
Ingredient Statement	Organic Fractionated Coconut Oil, CO2-Extracted Full Spectrum Hemp Oil

Organoleptic Description

Appearance	Light to medium amber oil liquid
Aroma	Typical
Taste	Characteristic

Physical Characteristics

Cannabidiol Content (CBD):	>900mg
Cannabinol (CBN):	>300mg
Tetrahydrocannabinol Content (THC):	<0.3%

Shelf Life

Shelf life in original glass bottle for up to 2 years.

Packaging

30ml in clear glass dropper bottles
Larger quantities by arrangement

Recommended Storage Conditions

Store at ambient conditions in airtight container.

Kosher Certification

PM Formula CBN Tincture is certified Kosher by the Orthodox Union.

GMP Certification

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

Vegan Certification

PM Formula CBN Tincture is certified Vegan by Vegan Action, certificate #8559160.

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

Name: Nick Peters

Title: Quality Manager

Date: October 10, 2021