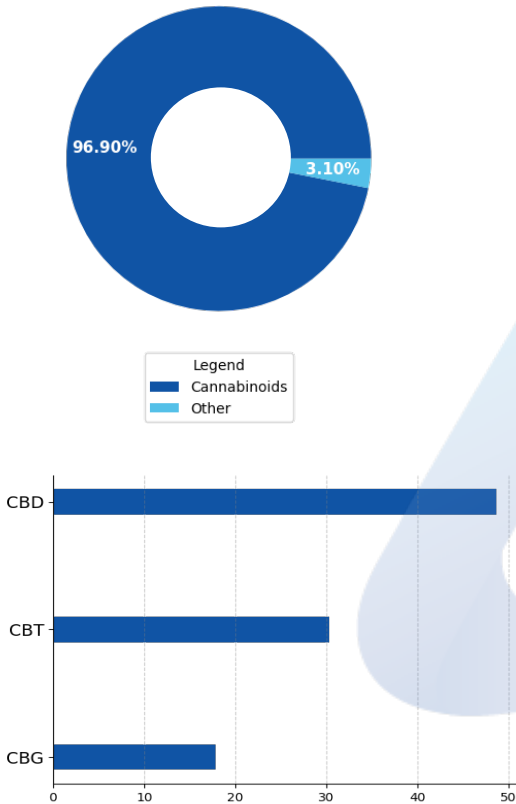


**Guava Jam CBD Extract Tank**

<b>Batch ID:</b>	22P3043101	<b>Received:</b>	02/01/2022	<b>Analysis:</b>	18 Cannabinoid Potency
<b>Sample Type:</b>	Concentrate	<b>Analyzed:</b>	02/07/2022	<b>Method:</b>	2021.18P.01
		<b>Test ID:</b>	2584	<b>Equipment:</b>	UHPLC

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


Cannabinoid	LOD (%)	LOQ (%)	Result (%)	Result (mg/g)
Cannabidiol (CBD)	4.29e-05	1.30e-04	48.73 ± 1.3	487.32
Cannabigerol (CBG)	4.11e-05	1.25e-04	17.83 ± 0.48	178.28
Δ9-Tetrahydrocannabinol (Δ9-THC)	7.72e-05	2.34e-04	ND	ND
Cannabicitran (CBT)	3.95e-05	1.20e-04	30.35 ± 0.82	303.45
Cannabichromene (CBC)	6.99e-05	2.12e-04	ND	ND
Cannabinol (CBN)	3.93e-05	1.19e-04	ND	ND
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	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>96.90</b>	<b>969.05</b>
<b>Total Potential THC*</b>			<b>ND</b>	<b>ND</b>
<b>Total Potential CBD*</b>			<b>48.73 ± 1.3</b>	<b>487.32</b>
<b>Total Potential CBG*</b>			<b>17.83 ± 0.48</b>	<b>178.28</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  
 02/07/2022 01:59 PM

**ANALYZED BY/DATE**



Logan Cline, Director of Analytical Development  
 02/07/2022 02:26 PM

**AUTHORIZED BY/DATE**



John Reser, Quality Analyst  
 02/07/2022 03:36 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.

**Guava Jam CBD Extract Tank**

<b>Batch ID:</b>	22P3043101	<b>Received:</b>	02/01/2022	<b>Analysis:</b>	Residual Solvents
<b>Sample Type:</b>	Concentrate	<b>Analyzed:</b>	02/08/2022	<b>Method:</b>	2021.RS.01
		<b>Test ID:</b>	2585	<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  
 02/08/2022 03:27 PM

**ANALYZED BY/DATE**


 Logan Cline, Director of Analytical Development  
 02/08/2022 03:33 PM

**AUTHORIZED BY/DATE**


 John Reser, Quality Analyst  
 02/08/2022 03:48 PM

**RELEASED BY/DATE**

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 FL License # CMTL-0003  
 CLIA No. 10D1094068

# Certificate of Analysis

## Compliance Test

**Extract Labs**  
 3620 Walnut St  
 Boulder, CO 80301

Batch # TBP067410  
 Batch Date: 2021-05-20  
 Extracted From: Hemp

Test Reg State: Oregon

Order # EXT210520-050030  
 Order Date: 2021-05-20  
 Sample # AABJ619

Sampling Date: 2021-05-25  
 Lab Batch Date: 2021-05-25  
 Completion Date: 2021-06-08

Initial Gross Weight: 7.317 g



Product Image



Potency Panel Not Included

### Terpenes Summary

Analyte	Result (mg/ml)	(%)
trans-Caryophyllene	224.838	22.484%
(R)-(+)-Limonene	182.077	18.208%
beta-Myrcene	88.603	8.86%
alpha-Humulene	57.464	5.746%
Linalool	43.36	4.336%
Farnesene	37.327	3.733%
beta-Pinene	13.019	1.302%
alpha-Pinene	12.361	1.236%
Fenchyl Alcohol	11.694	1.169%
Terpineol	10.108	1.011%
Eucalyptol	7.966	0.797%
Caryophyllene oxide	7.532	0.753%
Terpinolene	4.02	0.402%
Borneol	3.833	0.383%
trans-Nerolidol	3.832	0.383%
Camphene	3.481	0.348%
Gamma-Terpinene	2.376	0.238%
Geranyl acetate	2.296	0.23%
alpha-Terpinene	2.094	0.209%
Ocimene	0.656	0.066%

**Total Terpenes: 71.894%**

Detailed Terpenes Analysis is on the following page

*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 THC = THCA-A \* 0.877 + Delta 9 THC, \*CBG Total = (CBGA \* 0.877) + CBG, \*CBN Total = (CBNA \* 0.877) + CBN, \*Other Cannabinoids Total = CBC + CBDV + THCV + THCV-A, \*Total Detected Cannabinoids = CBD Total + CBG Total + CBN Total + THC Total + CBC + CBDV + THCV + THCV-A, \*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**  
3620 Walnut St  
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Batch # TBP067410  
Batch Date: 2021-05-20  
Extracted From: Hemp

Test Reg State: Oregon

Order # EXT210520-050030  
Order Date: 2021-05-20  
Sample # AABJ619

Sampling Date: 2021-05-25  
Lab Batch Date: 2021-05-25  
Completion Date: 2021-06-08

Initial Gross Weight: 7.317 g



## Terpenes - FL

Specimen Weight: 104.400 mg

Tested  
(GC/GCMS)

Dilution Factor: 10000.000

Analyte	LOQ (%)	Result (mg/g)	(%)	Analyte	LOQ (%)	Result (mg/g)	(%)
trans-Caryophyllene	0.02	224.838	22.484	(R)-(+)-Limonene	0.02	182.077	18.208
beta-Myrcene	0.02	88.603	8.860	alpha-Humulene	0.02	57.464	5.746
Linalool	0.02	43.360	4.336	Farnesene	0.02	37.327	3.733
beta-Pinene	0.02	13.019	1.302	alpha-Pinene	0.02	12.361	1.236
Fenchyl Alcohol	0.02	11.694	1.169	Terpineol	0.02	10.108	1.011
Eucalyptol	0.02	7.966	0.797	Caryophyllene oxide	0.02	7.532	0.753
Terpinolene	0.02	4.020	0.402	trans-Nerolidol	0.02	3.832	0.383
Borneol	0.04	3.833	0.383	Camphene	0.02	3.481	0.348
Gamma-Terpinene	0.02	2.376	0.238	Geranyl acetate	0.02	2.296	0.230
alpha-Terpinene	0.02	2.094	0.209	Ocimene	0.014	0.656	0.066
(+)-Cedrol	0.02	<LOQ	<LOQ	Pulegone	0.02	<LOQ	<LOQ
Sabinene	0.02	<LOQ	<LOQ	Sabinene Hydrate	0.02	<LOQ	<LOQ
Nerol	0.02	<LOQ	<LOQ	Fenchone	0.02	<LOQ	<LOQ
Isopulegol	0.02	<LOQ	<LOQ	Isoborneol	0.02	<LOQ	<LOQ
Hexahydrothymol	0.02	<LOQ	<LOQ	Guaiol	0.02	<LOQ	<LOQ
Geraniol	0.02	<LOQ	<LOQ	cis-Nerolidol	0.02	<LOQ	<LOQ
Camphors	0.04	<LOQ	<LOQ	alpha-Phellandrene	0.02	<LOQ	<LOQ
alpha-Cedrene	0.02	<LOQ	<LOQ	alpha-Bisabolol	0.02	<LOQ	<LOQ
3-Carene	0.02	<LOQ	<LOQ	Valencene	0.02	<LOQ	<LOQ

**Total Terpenes: 71.894%**

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

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



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## Product Specification

### Guava Jam Extract Tank

#### Product Information

Product	Guava Jam Extract Tank
Botanical name	<i>Cannabis sativa</i> L.
Plant Part	Flower
Country of Origin	USA
Extraction Process	CO2 Extraction, Winterization, Distillation, Isolation, Chromatography
Ingredient Statement	CO2 Extracted Broad Spectrum THC-Free Distillate, CO2 Extracted CBG Isolate, CO2 Extracted Full Spectrum CBT Distillate, Natural Terpenes

#### Organoleptic Description

Appearance	Light to medium honey-color, oily liquid
Aroma	Pepper, Lemon, Herbal, Hops, Lavender
Taste	Fruity, Gassy

#### Physical Characteristics

Cannabidiol Content (CBD):	≥ 250mg
Cannabacitran (CBT):	≥ 125mg
Cannabigerol (CBG):	≥ 10mg
Tetrahydrocannabinol Content (THC):	≤ 0.3%

#### Shelf Life

Shelf life in original cartridge for up to 1 year.

#### Packaging

½ Gram: Gross weight 0.3oz (8g), net weight 0.5g  
1 Gram: Gross weight 0.6oz (16g), net weight 1g  
510 thread non-refillable cartridge

#### Recommended Storage Conditions

Store at ambient conditions in original cartridge.

#### 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: June 16, 2021