# CERTIFICATE OF ANALYSIS

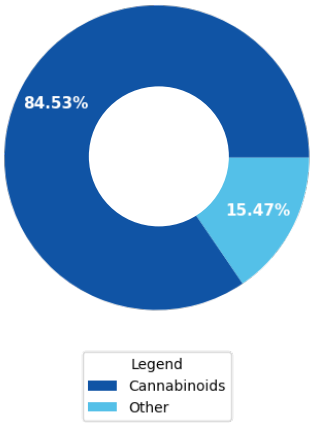
**prepared for: Extract Labs**
**1399 Horizon Avenue**
**Lafayette, CO 80026**

## Guava Jam CBD Extract Tank

| | | | | | |
|---|---|---|---|---|---|
| **Batch ID:** | 22P3040905 | **Received:** | 05/13/2022 | **Analysis:** | 18 Cannabinoid Potency |
| **Sample Type:** | Concentrate | **Analyzed:** | 05/20/2022 | **Method:** | 2021.18P.01 |
| | | **Test ID:** | 3775 | **Equipment:** | UHPLC |

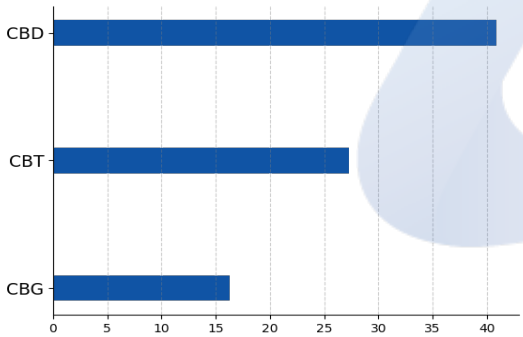
## CANNABINOID PROFILE

### TOTAL CANNABINOID CONTENT










| Cannabinoid | LOD (%) | LOQ (%) | Result (%) | Result (mg/g) |
|---|---|---|---|---|
| Cannabidiol (CBD) | 4.29e-05 | 1.30e-04 | 40.92 ± 1.1 | 409.18 |
| Cannabigerol (CBG) | 4.11e-05 | 1.25e-04 | 16.31 ± 0.44 | 163.10 |
| Δ9-Tetrahydrocannabinol (Δ9-THC) | 7.72e-05 | 2.34e-04 | ND | ND |
| Cannabacitran (CBT) | 3.95e-05 | 1.20e-04 | 27.30 ± 0.74 | 272.99 |
| 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 |
| Cannabicyclolic 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** | | | 84.53 | 845.27 |
| Total Potential THC* | | | ND | ND |
| Total Potential CBD* | | | 40.92 ± 1.1 | 409.18 |
| Total Potential CBG* | | | 16.31 ± 0.44 | 163.10 |

** 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<br>05/20/2022 03:17 PM | Logan Cline, Director of Analytical Development<br>05/20/2022 03:57 PM | John Reser, Quality Analyst<br>05/20/2022 04:13 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.*


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

ACCREDITED CERT #6019.01

**minovalabs.com | 720.955.5252**

# CERTIFICATE OF ANALYSIS

**prepared for: Extract Labs**
**1399 Horizon Avenue**
**Lafayette, CO 80026**

## Guava Jam CBD Extract Tank

| | | | | | |
|---|---|---|---|---|---|
| **Batch ID:** | 22P3040905 | **Received:** | 05/31/2022 | **Analysis:** | Residual Solvents |
| **Sample Type:** | Concentrate | **Analyzed:** | 06/06/2022 | **Method:** | 2021.RS.01 |
| | | **Test ID:** | 3933 | **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

| Alex Bujanow, Microbiologist<br>06/06/2022 04:10 PM | Logan Cline, Director of Analytical Development<br>06/06/2022 04:38 PM | John Reser, Quality Analyst<br>06/06/2022 04:52 PM |
|---|---|---|
| **ANALYZED BY/DATE** | **AUTHORIZED BY/DATE** | **RELEASED BY/DATE** |

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Sun City Center, FL 33573
www.acslabcannabis.com

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CLIA No. 10D1094068

**Guava Jam Terpenes**
**Sample Matrix:** CBD/HEMP Derivative Products (Inhalation - Heated)

# 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

**Terpenes Tested**

## 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, 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 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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Guava Jam Terpenes
Sample Matrix:
CBD/HEMP
Derivative Products
(Inhalation - Heated)

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3620 Walnut St
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**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

**Tested**
(GC/GCMS)

**Specimen Weight: 104.400 mg**

**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 | Pulegone | 0.02 | | <LOQ |
| Sabinene | 0.02 | | <LOQ | Sabinene Hydrate | 0.02 | | <LOQ |
| Nerol | 0.02 | | <LOQ | Fenchone | 0.02 | | <LOQ |
| Isopulegol | 0.02 | | <LOQ | Isoborneol | 0.02 | | <LOQ |
| Hexahydrothymol | 0.02 | | <LOQ | Guaiol | 0.02 | | <LOQ |
| Geraniol | 0.02 | | <LOQ | cis-Nerolidol | 0.02 | | <LOQ |
| Camphors | 0.04 | | <LOQ | alpha-Phellandrene | 0.02 | | <LOQ |
| alpha-Cedrene | 0.02 | | <LOQ | alpha-Bisabolol | 0.02 | | <LOQ |
| 3-Carene | 0.02 | | <LOQ | Valencene | 0.02 | | <LOQ |

**Total Terpenes: 71.894%**

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

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

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EXTRACT LABS
AMERICAN HEMP

1399 Horizon Ave.,
Lafayette, CO 80026
(303) 927-6130

# Product Specification

## Guava Jam Extract Tank

**Product Information**

| | |
|---|---|
| Product | Guava Jam Extract Tank |
| Botanical name | *Cannabis sativa* 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, THC-O 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**

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: April 4, 2022
Version: 1.1
Version Date: 4/4/2022