EXTRACT LABS
ANALYTICAL SERVICES

CERTIFICATE OF ANALYSIS

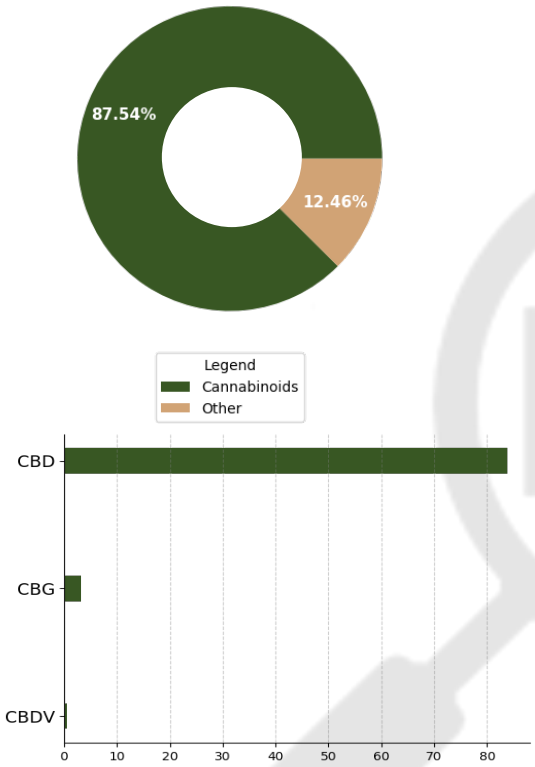
prepared for: Extract Labs
3620 Walnut St
Boulder, CO 80301

Guava Jam Crumble

Batch ID:	21C2042106	**Received:**	06/22/2021	**Analysis:**	18 Cannabinoid Potency
Sample Type:	Concentrate	**Analyzed:**	06/29/2021	**Method:**	2021.18P.01
		Test ID:	914	**Equipment:**	UHPLC

CANNABINOID PROFILE

TOTAL CANNABINOID CONTENT



Cannabinoid	LOD (%)	LOQ (%)	Result (%)	Result (mg/g)
Cannabidiol (CBD)	5.85e-05	1.77e-04	83.91	839.05
Cannabigerol (CBG)	5.46e-05	1.66e-05	3.11	31.09
Δ9-Tetrahydrocannabinol (Δ9-THC)	4.87e-05	1.48e-04	ND	ND
Cannabacitran (CBT)	5.03e-05	1.52e-04	ND	ND
Cannabichromene (CBC)	4.96e-05	1.50e-04	ND	ND
Cannabinol (CBN)	4.94e-05	1.50e-04	ND	ND
Cannabicyclol (CBL)	2.04e-05	6.19e-05	ND	ND
Cannabicyclolic acid (CBLA)	3.88e-05	1.17e-04	ND	ND
Tetrahydrocannabivarin (THCV)	5.74e-05	1.74e-04	ND	ND
Δ8-Tetrahydrocannabinol (Δ8-THC)	6.81e-05	2.06e-04	ND	ND
Cannabinolic (CBNA)	2.56e-05	7.76e-05	ND	ND
Tetrahydrocannabivarin Acid (THCVA)	5.24e-05	1.59e-04	ND	ND
Cannabigerolic acid (CBGA)	5.18e-05	1.57e-04	ND	ND
Cannabidiolic acid (CBDA)	5.53e-05	1.68e-04	ND	ND
Cannabidivarin (CBDV)	4.64e-05	1.41e-04	0.53	5.27
Tetrahydrocannabinolic Acid (THCA)	5.99e-05	1.82e-04	ND	ND
Cannabichromenic acid (CBCA)	5.41e-05	1.64e-04	ND	ND
Cannabidivarinic Acid (CBDVA)	4.88e-05	1.48e-04	ND	ND
Total Cannabinoid**			87.54	875.41
Total Potential THC*			0.00	0.00
Total Potential CBD*			83.91	839.05
Total Potential CBG*			3.11	31.09

** 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	Logan Cline	Madi Smith
06/29/2021 01:21 PM	06/29/2021 01:24 PM	06/29/2021 01:40 PM
ANALYZED BY/DATE	**AUTHORIZED BY/DATE**	**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.

EXTRACT LABS
ANALYTICAL SERVICES

CERTIFICATE OF ANALYSIS

prepared for: Extract Labs
3620 Walnut St
Boulder, CO 80301

Guava Jam Crumble

Batch ID:	21C2042106	**Received:**	06/22/2021	**Analysis:**	Residual Solvents
Sample Type:	Concentrate	**Analyzed:**	06/29/2021	**Method:**	2021.RS.01
		Test ID:	845	**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 06/29/2021 10:35 AM	Logan Cline 06/29/2021 01:14 PM	Madi Smith 06/29/2021 01:40 PM
ANALYZED BY/DATE	**AUTHORIZED BY/DATE**	**RELEASED BY/DATE**

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721 Cortaro Dr.
Sun City Center, FL 33573
www.acslabcannabis.com

License No. 800025015
FL License # CMTL-0003
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)

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

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

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

EXTRACT LABS
AMERICAN HEMP

3620 Walnut Street
Boulder, CO 80301
(303) 927-6130

Product Specification

Guava Jam CBD Crumble – 800mg

Product Information

Product	Guava Jam CBD Crumble
Botanical name	*Cannabis sativa* L.
Plant Part	Flower
Country of Origin	USA
Extraction Process	CO2 Extraction, Winterization, Distillation, Chromatography
Ingredient Statement	CO2 Extracted Broad Spectrum CBD Distillate, Natural Terpenes

Organoleptic Description

Appearance	Light to medium honey-color, dry, crystallized sugar wax
Aroma	Pepper, Lemon, Herbal, Hops, Lavender
Taste	Fruity, Gassy

Physical Characteristics

Cannabidiol Content (CBD):	≥ 800mg
Tetrahydrocannabinol Content (THC):	= 0.0%

Shelf Life

Shelf life in original glass jar for up to 1 year.

Packaging

Gross weight 1.2oz (35g), net weight 1g
Packaged in 7ml clear glass jar, screw top with pressure seal
Larger quantities by arrangement

Recommended Storage Conditions

Store at ambient conditions in airtight container.

Kosher Certification

Garlic Jam CBD Crumble is certified Kosher by the Orthodox Union, UKD-ID: OUV3-RDGNPPQ.

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: May 20, 2021

botanacor

CERTIFICATE OF ANALYSIS

prepared for: EXTRACT LABS
3620 Walnut Street
BOULDER, CO 80301

KF

Batch ID:	N/A	**Test ID:**	T000107185
Type:	Plant	**Submitted:**	10/30/2020 @ 12:08 PM
Test:	Metals	**Started:**	11/4/2020
Method:	TM19	**Reported:**	11/4/2020

HEAVY METALS

Analyte	Dynamic Range (ppm)	Result (ppm)
Arsenic	0.036 - 3.56	ND
Cadmium	0.035 - 3.49	ND
Mercury	0.036 - 3.56	ND
Lead	0.034 - 3.40	ND

* ND = None Detected (Defined by Dynamic Range of the method)

FINAL APPROVAL

Daniel Weidensaul
4-Nov-2020
5:58 PM

PREPARED BY / DATE

Greg Zimpfer
4-Nov-2020
8:00 PM

APPROVED BY / DATE

botanacor

CERTIFICATE OF ANALYSIS

prepared for: EXTRACT LABS
3620 Walnut Street
BOULDER, CO 80301

KF

Batch ID:		**Test ID:**	T000107184
Type:	Plant	**Submitted:**	10/30/2020 @ 12:08 PM
Test:	Pesticides	**Started:**	11/3/2020
Method:		**Reported:**	11/4/2020

PESTICIDE RESIDUE

Compound	Dynamic Range (ppb)	Result (ppb)
Acephate	38 - 2235	ND*
Acetamiprid	37 - 2235	ND*
Abamectin	>250	ND*
Azoxystrobin	41 - 2235	ND*
Bifenazate	271 - 2235	ND*
Boscalid	265 - 2235	ND*
Carbaryl	38 - 2235	ND*
Carbofuran	38 - 2235	ND*
Chlorantraniliprole	247 - 2235	ND*
Chlorpyrifos	273 - 2235	ND*
Clofentezine	259 - 2235	ND*
Diazinon	272 - 2235	ND*
Dichlorvos	>242	ND*
Dimethoate	37 - 2235	ND*
E-Fenpyroximate	291 - 2235	ND*
Etofenprox	43 - 2235	ND*
Etoxazole	42 - 2235	ND*
Fenoxycarb	>253	ND*
Fipronil	315 - 2235	ND*
Flonicamid	40 - 2235	ND*
Fludioxonil	>299	ND*
Hexythiazox	297 - 2235	ND*
Imazalil	55 - 2235	ND*
Imidacloprid	39 - 2235	ND*
Kresoxim-methyl	246 - 2235	ND*

Compound	Dynamic Range (ppb)	Result (ppb)
Malathion	272 - 2235	ND*
Metalaxyl	261 - 2235	ND*
Methiocarb	38 - 2235	ND*
Methomyl	37 - 2235	ND*
MGK 264 1	143 - 2235	ND*
MGK 264 2	109 - 2235	ND*
Myclobutanil	39 - 2235	ND*
Naled	256 - 2235	ND*
Oxamyl	35 - 2235	ND*
Paclobutrazol	39 - 2235	ND*
Permethrin	282 - 2235	ND*
Phosmet	266 - 2235	ND*
Prophos	249 - 2235	ND*
Propoxur	38 - 2235	ND*
Pyridaben	39 - 2235	ND*
Spinosad A	38 - 2235	ND*
Spinosad D	11 - 2235	ND*
Spiromesifen	>30	ND*
Spirotetramat	>256	ND*
Spiroxamine 1	15 - 2235	ND*
Spiroxamine 2	21 - 2235	ND*
Tebuconazole	274 - 2235	ND*
Thiacloprid	37 - 2235	ND*
Thiamethoxam	36 - 2235	ND*
Trifloxystrobin	38 - 2235	ND*

* ND = None Detected (Defined by Dynamic Range of the method)

N/A

FINAL APPROVAL

Tyler Wiese
4-Nov-2020
5:59 PM

PREPARED BY / DATE

Greg Zimpfer
4-Nov-2020
8:39 PM

APPROVED BY / DATE