

Oregon Guava

Sample ID: 2111CSALA8073.2233

Matrix: Hemp

Type: Industrial Hemp

Sample Size: 8 grams

County Sample ID:

Produced: N/A

Collected: 11/29/2021

Received: 11/29/2021

Completed: 12/02/2021

Physical Address:

Sampler:

Sample Received By:

Sample Tested By: Richard Butunts

Whole Organix LLC

Registration #:

Registrant Name:

Registrant Contact #:



ND

 Δ 9-THC

13.8818%

Total CBD

17.8143%

Total Cannabinoids

Cannabinoids

Testing method: HPLC-SOP 101

Analyte	LOD	LOQ	Results	Results
	%	%	%	mg/g
CBDa	0.0133	0.025	15.3446	153.4462
CBCA *	0.0221	0.025	0.9169	9.1692
THCa	0.0184	0.025	0.6033	6.0332
CBD	0.0175	0.025	0.4245	4.2453
CBGa	0.0187	0.025	0.3700	3.6999
CBDVA *	0.0238	0.025	0.0599	0.5995
CBG	0.0229	0.025	0.0522	0.5216
CBC	0.0213	0.025	0.0428	0.4278
CBDV	0.0204	0.025	ND	ND
CBN	0.0245	0.025	ND	ND
CBT *	0.021	0.0975	ND	ND
THCV	0.0242	0.025	ND	ND
THCVA *	0.0243	0.025	ND	ND
Δ 8-THC	0.022	0.025	ND	ND
Δ 9-THC	0.0207	0.025	ND	ND
Total THC			0.5291	5.2911
Total			17.8143	178.1427

Date Tested: 11/30/2021

Total THC = THCa * 0.877 + d9-THC

Total CBD = CBDa * 0.877 + CBD

LOQ = Limit of Quantitation; LOD = Limit of Detection; NT = Not Tested; ND = Not Detected. The reported result is based on a sample weight with the applicable moisture content for that sample;

* Denotes analytes pending ISO-17025 scope addition

13.2%

Moisture

Moisture Analyzer SOP-103

Date Tested: 11/30/2021

NT

Water Activity

Water Activity Meter SOP-102

NT

Foreign Matter

Visual Inspection SOP-600


ISO / IEC 17025:2017 ACCREDITED
LABORATORY
Accreditation No. 73653



Neya Jourabchian
Laboratory Director
12/02/2021



Mikaela Gutierrez
COA Review
12/02/2021

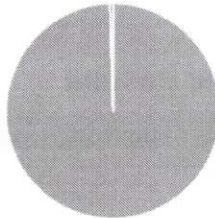
The values reported pertain only to the product tested. R&D Sample Only. Tested as-is/received from client. Unless otherwise stated all Laboratory Quality Control (LQC) samples performed within specifications established by the BCC in 16 CCR section 5730. Sample tested per CALIFORNIA CODE OF REGULATIONS, TITLE 16, DIVISION 42. BUREAU OF CANNABIS CONTROL.



Product identity: 826-24-1
Client/Metric ID:
Laboratory ID: 21-014329-0003

Summary

Potency:

Analyte	Result (%)	 <ul style="list-style-type: none"> • Delta-8-THC • Delta-8-THCV 	
Delta-8-THC†	92.2		CBD Total <LOQ
Delta-8-THCV	0.417		THC-Total <LOQ (Reported in percent of total sample)

Residual Solvents:

All analytes passing and less than LOQ.

Pesticides:

All analytes passing and less than LOQ.



12423 NE Whitaker Way
Portland, OR 97230
503-254-1794

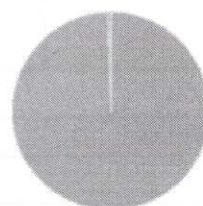


Report Number: 21-014329/D004.R000
Report Date: 12/15/2021
ORELAP#: OR100028
Purchase Order:
Received: 12/08/21 12:29

Product identity: 826-24-1
Client/Metric ID:
Sample Date:
Laboratory ID: 21-014329-0003
Evidence of Cooling: No
Temp: 20.4 °C
Relinquished by: UPS

Sample Results

Potency	Method J AOAC 2015 V98-6 (mod)			Units %	Batch: 2111034	Analyze: 12/10/21 6:06:00 AM
Analyte	As Received	Dry weight	LOQ	Notes		
CBC	< LOQ		0.0857			
CBC-A [†]	< LOQ		0.0857			
CBC-Total [†]	< LOQ		0.161			
CBD	< LOQ		0.0857			
CBD-A	< LOQ		0.0857			
CBD-Total	< LOQ		0.161			
CBDV [†]	< LOQ		0.0857			
CBDV-A [†]	< LOQ		0.0857			
CBDV-Total [†]	< LOQ		0.160			
CBE [†]	< LOQ		0.0857			
CBG [†]	< LOQ		0.0857			
CBG-A [†]	< LOQ		0.0857			
CBG-Total	< LOQ		0.160			
CBL [†]	< LOQ		0.0857			
CBL-A [†]	< LOQ		0.0857			
CBL-Total [†]	< LOQ		0.161			
CBN	< LOQ		0.0857			
CBT [†]	< LOQ		0.0857			
Δ8-THC [†]	92.2		0.857			
Δ8-THCV	0.417		0.0857			
Δ9-THC	< LOQ		0.0857			
THC-A	< LOQ		0.0857			
THC-Total	< LOQ		0.161			
THCV [†]	< LOQ		0.0857			
THCV-A [†]	< LOQ		0.0857			
THCV-Total [†]	< LOQ		0.160			
Total Cannabinoids [†]	92.6					



● Δ8-THC
● Δ8-THCV



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Received: 12/08/21 12:29

Solvents		Method Residual Solvents by GC/MS				Units µg/g	Batch 2111058	Analyze 12/13/21 09:43 AM			
Analyte	Result	Limits	LOQ	Status	Notes	Analyte	Result	Limits	LOQ	Status	Notes
1,4-Dioxane	< LOQ	380	100	pass		2-Butanol	< LOQ	5000	200	pass	
2-Ethoxyethanol	< LOQ	160	30.0	pass		2-Methylbutane (Isopentane)	< LOQ		200		
2-Methylpentane	< LOQ		30.0			2-Propanol (IPA)	< LOQ	5000	200	pass	
2,2-Dimethy butane	< LOQ		30.0			2,2-Dimethylpropane (neo-pentane)	< LOQ		200		
2,3-Dimethy butane	< LOQ		30.0			3-Methylpentane	< LOQ		30.0		
Acetone	< LOQ	5000	200	pass		Acetonitrile	< LOQ	410	100	pass	
Benzene	< LOQ	2.00	1.00	pass		Butanes (sum)	< LOQ	5000	400	pass	
Cyclohexane	< LOQ	3880	200	pass		Ethyl acetate	< LOQ	5000	200	pass	
Ethyl benzene	< LOQ		200			Ethyl ether	< LOQ	5000	200	pass	
Ethylene glycol	< LOQ	620	200	pass		Ethylene oxide	< LOQ	50.0	20.0	pass	
Hexanes (sum)	< LOQ	290	150	pass		Isopropyl acetate	< LOQ	5000	200	pass	
Isopropy benzene (Cumene)	< LOQ	70.0	30.0	pass		m,p-Xylene	< LOQ		200		
Methanol	< LOQ	3000	200	pass		Methylene chloride	< LOQ	600	60.0	pass	
Methylpropane (Isobutane)	< LOQ		200			n-Butane	< LOQ		200		
n-Heptane	< LOQ	5000	200	pass		n-Hexane	< LOQ		30.0		
n-Pentane	< LOQ		200			o-Xylene	< LOQ		200		
Pentanes (sum)	< LOQ	5000	600	pass		Propane	< LOQ	5000	200	pass	
Tetrahydrofuran	< LOQ	720	100	pass		Toluene	< LOQ	890	100	pass	
Total Xylenes	< LOQ		400			Total Xylenes and Ethyl benzene	< LOQ	2170	600	pass	

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Test results relate only to the parameters tested and to the samples as received by the laboratory. Test results meet all requirements of NELAP and the Columbia Laboratories quality assurance plan unless otherwise noted. This report shall not be reproduced, except in full, without the written consent of this laboratory. Samples will be retained for a maximum of 30 days from the receipt date unless prior arrangements have been made.

Testing in accordance with: OAR 333-007-0400 OAR 333-007-0410 OAR 333-007-0430



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503-254-1794



Report Number: 21-014329/D004.R000
Report Date: 12/15/2021
ORELAP#: OR100028
Purchase Order:
Received: 12/08/21 12:29

Pesticides						Method AOAC 2007.01 & EN 15662 (mod) Units mg/kg Batch 2111056						Analyze 12/13/21 09:31 AM					
Analyte	Result	Limits	LOQ	Status	Notes	Analyte	Result	Limits	LOQ	Status	Notes	Analyte	Result	Limits	LOQ	Status	Notes
Abamectin	< LOQ	0.50	0.250	pass		Acephate	< LOQ	0.40	0.250	pass		Acequinoctyl	< LOQ	2.0	1.00	pass	
Aldicarb	< LOQ	0.40	0.200	pass		Acetamiprid	< LOQ	0.20	0.100	pass		Bifenazate	< LOQ	0.20	0.100	pass	
Bifenthrin	< LOQ	0.20	0.100	pass		Azoxystrobin	< LOQ	0.20	0.100	pass		Boscalid	< LOQ	0.40	0.200	pass	
Carbofuran	< LOQ	0.20	0.100	pass		Bifenthrin	< LOQ	0.20	0.100	pass		Carbaryl	< LOQ	0.20	0.100	pass	
Chlorfenapyr	< LOQ	1.0	0.500	pass		Carbaryl	< LOQ	0.20	0.100	pass		Chlorantraniliprole	< LOQ	0.20	0.100	pass	
Clofentezine	< LOQ	0.20	0.100	pass		Chlorpyrifos	< LOQ	0.20	0.100	pass		Chlorpyrifos	< LOQ	0.20	0.100	pass	
Cypermethrin	< LOQ	1.0	0.500	pass		Cyfluthrin	< LOQ	1.0	0.500	pass		Cyfluthrin	< LOQ	1.0	0.500	pass	
Diazinon	< LOQ	0.20	0.100	pass		Daminozide	< LOQ	1.0	0.500	pass		Daminozide	< LOQ	1.0	0.500	pass	
Dimethoate	< LOQ	0.20	0.100	pass		Dichlorvos	< LOQ	1.0	0.500	pass		Dichlorvos	< LOQ	1.0	0.500	pass	
Etofenprox	< LOQ	0.40	0.200	pass		Ethoprophos	< LOQ	0.20	0.100	pass		Ethoprophos	< LOQ	0.20	0.100	pass	
Fenoxycarb	< LOQ	0.20	0.100	pass		Etoazole	< LOQ	0.20	0.100	pass		Etoazole	< LOQ	0.20	0.100	pass	
Fipronil	< LOQ	0.40	0.200	pass		Fenpyroximate	< LOQ	0.40	0.200	pass		Fenpyroximate	< LOQ	0.40	0.200	pass	
Fludioxonil	< LOQ	0.40	0.200	pass		Fonicamid	< LOQ	1.0	0.400	pass		Fonicamid	< LOQ	1.0	0.400	pass	
Imazalil	< LOQ	0.20	0.100	pass		Hexythiazox	< LOQ	1.0	0.400	pass		Hexythiazox	< LOQ	1.0	0.400	pass	
Kresoxim-methyl	< LOQ	0.40	0.200	pass		Imidacloprid	< LOQ	0.40	0.200	pass		Imidacloprid	< LOQ	0.40	0.200	pass	
Metalaxyl	< LOQ	0.20	0.100	pass		Malathion	< LOQ	0.20	0.100	pass		Malathion	< LOQ	0.20	0.100	pass	
Methomyl	< LOQ	0.40	0.200	pass		Methiocarb	< LOQ	0.20	0.100	pass		Methiocarb	< LOQ	0.20	0.100	pass	
Myclobutanil	< LOQ	0.20	0.100	pass		MGK-264	< LOQ	0.20	0.100	pass		MGK-264	< LOQ	0.20	0.100	pass	
Oxamyl	< LOQ	1.0	0.500	pass		Naled	< LOQ	0.50	0.250	pass		Naled	< LOQ	0.50	0.250	pass	
Parathion-Methyl	< LOQ	0.20	0.200	pass		Paclobutrazole	< LOQ	0.40	0.200	pass		Paclobutrazole	< LOQ	0.40	0.200	pass	
Phosmet	< LOQ	0.20	0.100	pass		Permethrin	< LOQ	0.20	0.100	pass		Permethrin	< LOQ	0.20	0.100	pass	
Prallethrin	< LOQ	0.20	0.200	pass		Piperonyl butoxide	< LOQ	2.0	1.00	pass		Piperonyl butoxide	< LOQ	2.0	1.00	pass	
Propoxur	< LOQ	0.20	0.100	pass		Propiconazole	< LOQ	0.40	0.200	pass		Propiconazole	< LOQ	0.40	0.200	pass	
Pyridaben	< LOQ	0.20	0.100	pass		Pyrethrin I (total)	< LOQ	1.0	0.500	pass		Pyrethrin I (total)	< LOQ	1.0	0.500	pass	
Spiromesifen	< LOQ	0.20	0.100	pass		Spinosad	< LOQ	0.20	0.100	pass		Spinosad	< LOQ	0.20	0.100	pass	
Spiroxamine	< LOQ	0.40	0.200	pass		Spirotetramat	< LOQ	0.20	0.100	pass		Spirotetramat	< LOQ	0.20	0.100	pass	
Thiacloprid	< LOQ	0.20	0.100	pass		Tebuconazole	< LOQ	0.40	0.200	pass		Tebuconazole	< LOQ	0.40	0.200	pass	
Trifloxystrobin	< LOQ	0.20	0.100	pass		Thiamethoxam	< LOQ	0.20	0.100	pass		Thiamethoxam	< LOQ	0.20	0.100	pass	

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Testing in accordance with: OAR 333-007-0400 OAR 333-007-0410 OAR 333-007-0430



VFS Labs Potency Report

CERTIFICATE OF ANALYSIS

Strain: KIEF A
Batch #: KIEF A
Moisture Content: NA
Date Tested: 1/14/20201
Report Generated: 1/14/20201

CBDA =
26.50%

CBD =
0.00%

Total CBD
23.24%

THCA =
1.08%

D9-THC =
0.00%

Total THC
0.94%

CBN=
0.00%

Jim Eitzen CSO

1/14/20201

DATE



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