

Hawaiian

Sample ID: 2011CSALA3184.8036

Matrix: Other

Type: Industrial Hemp Testing

Sample Size: 8 grams

County Sample ID:

Produced: N/A

Collected: 11/11/2020

Received: 11/11/2020

Completed: 11/13/2020

Physical Address:

Sampler:

Sample Received By:

Sample Tested By: Grant Sullivan

Whole Organix LLC

Registration #:

Registrant Name:

Registrant Contact #:


0.5560%

Total THC

15.5765%


Total CBD

19.1718%

Total Cannabinoids

Cannabinoids

Testing method: HPLC-SOP 101

Analyte	LOD	LOQ	Results	Results	
	mg/g	mg/g	%	mg/g	
CBDa	0.0012	0.0037	17.5183	175.1833	
CBGa	0.0016	0.005	0.7162	7.1620	
THCa	0.002	0.006	0.6340	6.3398	
CBD	0.0059	0.018	0.2129	2.1290	
CBG	0.0047	0.0143	0.0692	0.6924	
CBC	0.0009	0.0027	0.0212	0.2119	
CBDV	0.0042	0.0126	ND	ND	
CBN	0.0014	0.0041	ND	ND	
THCV	0.0036	0.0111	ND	ND	
Δ 8-THC	0.0038	0.0115	ND	ND	
Δ 9-THC	0.0038	0.0115	ND	ND	
Total			19.1718	191.7183	

Pass

Date Tested: 11/12/2020

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;


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



 Douglas Duncan
 Lab Director
 11/13/2020



 Cecilia Melgar
 COA Review
 11/13/2020



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



Report Number: 21-005459/D004.R00
Report Date: 05/26/2021
ORELAP#: OR100028
Purchase Order:
Received: 05/20/21 15:43

Customer:

Product identity: 1058843-21-822-86-1
Client/Metric ID: .
Sample Date:
Laboratory ID: 21-005459-0005
Temp: 18.9 °C
Grower: AG-R1058843IHH
Weight Received: 16 g

Sample Results

Potency	Method J AOAC 2015 V98-6 (mod)			Units %	Batch: 2104593	Analyze: 5/22/21 7:48:00 AM
Analyte	As Received	Dry weight	LOQ	Notes		
CBC	< LOQ		0.0870			
CBC-A [†]	< LOQ		0.0870			
CBC-Total [†]	< LOQ		0.163			
CBD	< LOQ		0.0870			
CBD-A	< LOQ		0.0870			
CBD-Total	< LOQ		0.163			
CBDV [†]	< LOQ		0.0870			
CBDV-A [†]	< LOQ		0.0870			
CBDV-Total [†]	< LOQ		0.162			
CBG [†]	< LOQ		0.0870			
CBG-A [†]	< LOQ		0.0870			
CBG-Total	< LOQ		0.162			
CBL [†]	< LOQ		0.0870			
CBN	< LOQ		0.0870			
Δ8-THC [†]	94.8		0.870			
Δ9-THC	< LOQ		0.0870			
THC-A	< LOQ		0.0870			
THC-Total	< LOQ		0.163			
THCV [†]	< LOQ		0.0870			
THCV-A [†]	< LOQ		0.0870			
THCV-Total [†]	< LOQ		0.162			
Total Cannabinoids[†]	94.8					





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Solvents						Residual Solvents by GC/MS						Units µg/g		Batch 2104541		Analyze 05/21/21 08:28 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	< LOQ		200										
2-Methylpentane	< LOQ		30.0			2-Propanol (IPA)	< LOQ	5000	200	pass									
2,2-Dimethyl butane	< LOQ		30.0			2,2-Dimethylpropane	< LOQ		200										
2,3-Dimethyl 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									
Isopropyl benzene	< LOQ	70.0	30.0	pass		m,p-Xylene	< LOQ		200										
Methanol	< LOQ	3000	200	pass		Methylene chloride	< LOQ	600	60.0	pass									
Methylpropane	< LOQ		200			n-Butane	< LOQ		200										
n-Heptane	1620	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	< LOQ	2170	600	pass									



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Pesticides											
Method AOAC 2007.01 & EN 15662 (mod) Units mg/kg Batch 2104648 Analyze 05/25/21 11:06 AM											
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	
Acequinocyl	< LOQ	2.0	1.00	pass		Acetamiprid	< LOQ	0.20	0.100	pass	
Aldicarb	< LOQ	0.40	0.200	pass		Azoxystrobin	< LOQ	0.20	0.100	pass	
Bifenazate	< LOQ	0.20	0.100	pass		Bifenthrin	< LOQ	0.20	0.100	pass	
Boscalid	< LOQ	0.40	0.200	pass		Carbaryl	< LOQ	0.20	0.100	pass	
Carbofuran	< LOQ	0.20	0.100	pass		Chlorantraniliprole	< LOQ	0.20	0.100	pass	
Chlorfenapyr	< LOQ	1.0	0.500	pass		Chlorpyrifos	< LOQ	0.20	0.100	pass	
Clofentezine	< LOQ	0.20	0.100	pass		Cyfluthrin	< LOQ	1.0	0.500	pass	
Cypermethrin	< LOQ	1.0	0.500	pass		Daminozide	< LOQ	1.0	0.500	pass	
Diazinon	< LOQ	0.20	0.100	pass		Dichlorvos	< LOQ	1.0	0.500	pass	
Dimethoate	< LOQ	0.20	0.100	pass		Ethoprophos	< LOQ	0.20	0.100	pass	
Etofenprox	< LOQ	0.40	0.200	pass		Etoxazole	< LOQ	0.20	0.100	pass	
Fenoxycarb	< LOQ	0.20	0.100	pass		Fenpyroximate	< LOQ	0.40	0.200	pass	
Fipronil	< LOQ	0.40	0.200	pass		Fonicamid	< LOQ	1.0	0.400	pass	
Fludioxonil	< LOQ	0.40	0.200	pass		Hexythiazox	< LOQ	1.0	0.400	pass	
Imazalil	< LOQ	0.20	0.100	pass		Imidacloprid	< LOQ	0.40	0.200	pass	
Kresoxim-methyl	< LOQ	0.40	0.200	pass		Malathion	< LOQ	0.20	0.100	pass	
Metalaxyl	< LOQ	0.20	0.100	pass		Methiocarb	< LOQ	0.20	0.100	pass	
Methomyl	< LOQ	0.40	0.200	pass		MGK-264	< LOQ	0.20	0.100	pass	
Myclobutanil	< LOQ	0.20	0.100	pass		Naled	< LOQ	0.50	0.250	pass	
Oxamyl	< LOQ	1.0	0.500	pass		Paclobutrazole	< LOQ	0.40	0.200	pass	
Parathion-Methyl	< LOQ	0.20	0.200	pass		Permethrin	< LOQ	0.20	0.100	pass	
Phosmet	< LOQ	0.20	0.100	pass		Piperonyl butoxide	< LOQ	2.0	1.00	pass	
Prallethrin	< LOQ	0.20	0.200	pass		Propiconazole	< LOQ	0.40	0.200	pass	
Propoxur	< LOQ	0.20	0.100	pass		Pyrethrin I (total)	< LOQ	1.0	0.500	pass	
Pyridaben	< LOQ	0.20	0.100	pass		Spinosad	< LOQ	0.20	0.100	pass	
Spiromesifen	< LOQ	0.20	0.100	pass		Spirotetramat	< LOQ	0.20	0.100	pass	
Spiroxamine	< LOQ	0.40	0.200	pass		Tebuconazole	< LOQ	0.40	0.200	pass	
Thiacloprid	< LOQ	0.20	0.100	pass		Thiamethoxam	< LOQ	0.20	0.100	pass	
Trifloxystrobin	< LOQ	0.20	0.100	pass							

Notes:



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Abbreviations

Limits: Action Levels per OAR-333-007-0400, OAR-333-007-0210, OAR-333-007-0220

Limit(s) of Quantitation (LOQ): The minimum levels, concentrations, or quantities of a target variable (e.g., target analyte) that can be reported with a specified degree of confidence.

† = Analyte not NELAP accredited.

Units of Measure

g = Gram

µg/g = Microgram per gram

mg/kg = Milligram per kilogram = parts per million (ppm)

% = Percentage of sample

% wt = µg/g divided by 10,000

Approved Signatory

Derrick Tanner
General Manager

www.columbialaboratories.com

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