

CONSOLIDATED TEST RESULTS SUMMARY

Please see the following pages for full test results.

BULK SKU	BATCH #	NR: Not Reported NA: Not Available LOQ: Limit Of Quantitation LOD: Limit Of Detection 1 g = 10 ⁻³ kg = 10 ³ mg = 10 ⁶ µg 1 mg/kg = 1 ppm = 1000 ppb
PRODUCT NAME	SERVING SIZE	
LABORATORY: COLUMBIA LABORATORIES	OREGON ACCREDITATION: OR100028	

POTENCY	PER SERVING	PER GRAM	REGULATORY ACTION LEVEL
Cannabidiol (CBD)	mg/serving	mg/g	N/A
Total THC (d9-THC, d8-THC, THCA)	mg/serving	mg/g	3 mg/g
Cannabigerol (CBG)	mg/serving	mg/g	N/A
Cannabinol (CBN)	mg/serving	mg/g	N/A
Cannabichromene (CBC)	mg/serving	mg/g	N/A
Tetrahydrocannabinolic Acid (THCA)	mg/serving	mg/g	N/A
Delta-9-THC (d9-THC)	mg/serving	mg/g	N/A
Delta-8-THC (d8-THC)	mg/serving	mg/g	N/A

HEAVY METALS	PER SERVING	PER GRAM	REGULATORY ACTION LEVEL
Arsenic	µg/serving	µg/g	10 µg/day ^[1] ^[3]
Cadmium	µg/serving	µg/g	4.1 µg/day ^[1]
Lead	µg/serving	µg/g	3.5 µg/day ^[2]
Mercury	µg/serving	µg/g	2 µg/day ^[1]

PESTICIDES	REGULATORY ACTION LEVEL
None of the 59 pesticides tested found above limit of detection in the sample.	10 ppb ^[1]

RESIDUAL SOLVENTS
None of the 36 residual solvents tested found above limit of quantitation in the sample.

MICROBIAL	PASS/FAIL
Yeast & Mold	Pass
Coliform	Pass
Water Activity	Pass

1. AMERICAN HERBAL PHARMACOPOEIA. (2014). CANNABIS INFLORESCENCE: STANDARDS OF IDENTITY, ANALYSIS, AND QUALITY CONTROL. WASHINGTON DC: AHP.

2. US FOOD AND DRUG ADMINISTRATION. (2019). LEAD IN FOOD, FOODWARES, AND DIETARY SUPPLEMENTS. WASHINGTON DC: FDA.US FOOD AND DRUG ADMINISTRATION. (2019). LEAD IN FOOD, FOODWARES, AND DIETARY SUPPLEMENTS. WASHINGTON DC: FDA.

3. MAXIMUM QUALITATIVE LIMIT FOR INORGANIC ARSENIC AS GOVERNED BY THE AMERICAN HERBAL PRODUCTS ASSOCIATION. ORGANIC ARSENIC IS NATURALLY OCCURRING IN GREEN LIPPED MUSSELS, AN INGREDIENT IN THIS PRODUCT.



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



Report Number: 20-013037/D03.R00
Report Date: 12/03/2020
ORELAP#: OR100028
Purchase Order:
Received: 11/25/20 16:33

Customer: Etz Hayim Holdings
Product identity: FORM-CK88@-PET-JNT
Client/Metric ID: .
Laboratory ID: 20-013037-0002

Sample Date: 11/25/20 15:31

Summary

Potency:

Analyte per 1g	Result	Limits	Units	Status	
CBC per 1g	0.0360		mg/1g		CBD-Total per 1g 1.07 mg/1g
CBD per 1g	1.07		mg/1g		THC-Total per 1g <LOQ
(Reported in milligrams per serving)					

Residual Solvents:

All analytes passing and less than LOQ.

Pesticides:

All analytes passing and less than LOQ.

Metals:

Analyte	Result	Limits	Analyte	Result	Limits
Arsenic	0.278		Lead	0.0291	
Cadmium	0.0198				



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

Report Number: 20-013037/D03.R00
Report Date: 12/03/2020
ORELAP#: OR100028
Purchase Order:
Received: 11/25/20 16:33



Customer: Etz Hayim Holdings
 16427 NE Airport Way
 PORTLAND 97230
 United States

Product identity: FORM-CK88@-PET-JNT

Client/Metric ID: .

Sample Date: 11/25/20 15:31

Laboratory ID: 20-013037-0002

Temp: 18.7 °C

Serving Size #1: 1 g

Sample Results

Potency per 1g		Method J AOAC 2015 V98-6 (mod)	Batch: 2010024	Analyze: 12/2/20 3:46:00 AM	
Analyte	Result	Limits	Units	LOQ	Notes
CBC per 1g	0.0360		mg/1g	0.0320	
CBC-A per 1g	< LOQ		mg/1g	0.0320	
CBC-Total per 1g	< LOQ		mg/1g	0.0601	
CBD per 1g	1.07		mg/1g	0.0320	
CBD-A per 1g	< LOQ		mg/1g	0.0320	
CBD-Total per 1g	1.07		mg/1g	0.0601	
CBDV per 1g	< LOQ		mg/1g	0.0320	
CBDV-A per 1g	< LOQ		mg/1g	0.0320	
CBDV-Total per 1g	< LOQ		mg/1g	0.0597	
CBG per 1g	< LOQ		mg/1g	0.0320	
CBG-A per 1g	< LOQ		mg/1g	0.0320	
CBG-Total per 1g	< LOQ		mg/1g	0.0597	
CBL per 1g	< LOQ		mg/1g	0.0320	
CBN per 1g	< LOQ		mg/1g	0.0320	
Δ8-THC per 1g	< LOQ		mg/1g	0.0320	
Δ9-THC per 1g	< LOQ		mg/1g	0.0320	
THC-A per 1g	< LOQ		mg/1g	0.0320	
THC-Total per 1g	< LOQ		mg/1g	0.0601	
THCV per 1g	< LOQ		mg/1g	0.0320	
THCV-A per 1g	< LOQ		mg/1g	0.0320	
THCV-Total per 1g	< LOQ		mg/1g	0.0601	
Total Cannabinoids 1g[†]	1.12		mg/1g		



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

Report Number: 20-013037/D03.R00
Report Date: 12/03/2020
ORELAP#: OR100028
Purchase Order:
Received: 11/25/20 16:33



Solvents						Method EPA5021A		Units µg/g		Batch 2010009		Analyze 12/02/20 10:17 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-Dimethylbutane	< LOQ		30.0			2,2-Dimethylpropane	< LOQ		200						
2,3-Dimethylbutane	< 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		Ethanol ¹	< LOQ		200						
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	30.0	pass		Hexanes (sum)	< LOQ	290	150	pass					
Isopropyl acetate	< LOQ	5000	200	pass		Isopropylbenzene	< LOQ	70.0	30.0	pass					
m,p-Xylene	< LOQ		200			Methanol	< LOQ	3000	200	pass					
Methylene chloride	< LOQ	600	200	pass		Methylpropane	< 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	< LOQ	2170	600	pass											



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

Report Number: 20-013037/D03.R00
Report Date: 12/03/2020
ORELAP#: OR100028
Purchase Order:
Received: 11/25/20 16:33



Pesticides											
Method AOAC 2007.01 & EN 15662 (mod) Units mg/kg Batch 2010052 Analyze 12/03/20 12:05 PM											
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							

Metals									
Analyte	Result	Limits	Units	LOQ	Batch	Analyze	Method	Notes	
Arsenic	0.278		mg/kg	0.00900	2010037	12/02/20	AOAC 2013.06 (mod.)	X	
Cadmium	0.0198		mg/kg	0.00900	2010037	12/02/20	AOAC 2013.06 (mod.)	X	
Lead	0.0291		mg/kg	0.00900	2010037	12/02/20	AOAC 2013.06 (mod.)	X	
Mercury	< LOQ		mg/kg	0.00450	2010037	12/02/20	AOAC 2013.06 (mod.)	X	

Nutrition									
Analyte	Result	Limits	Units	LOQ	Batch	Analyze	Method	Notes	
Water Activity	0.575		Aw	0.030	2010035	12/02/20	AOAC 978.18	X	



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



Report Number: 20-013037/D02.R00
Report Date: 12/03/2020
ORELAP#: OR100028
Purchase Order:
Received: 11/25/20 16:33

Customer: Etz Hayim Holdings
Product identity: FORM-CK88@-PET-JNT
Client/Metric ID: .
Laboratory ID: 20-013037-0001

Sample Date: 11/25/20 15:31

Summary

Microbiology:

Analyte	Result	Limits
Yeast (RAPID Petrifilm)	20	



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

Report Number: 20-013037/D02.R00
Report Date: 12/03/2020
ORELAP#: OR100028
Purchase Order:
Received: 11/25/20 16:33



Customer: Etz Hayim Holdings
 16427 NE Airport Way
 PORTLAND 97230
 United States

Product identity: FORM-CK88@-PET-JNT

Client/Metric ID: .

Sample Date: 11/25/20 15:31

Laboratory ID: 20-013037-0001

Temp: 18.7 °C

Sample Results

Microbiology

Analyte	Result	Limits	Units	LOQ	Batch	Analyze	Method	Notes
E.coli	< LOQ		cfu/g	10	2009916	12/02/20	AOAC 991.14 (Petrifilm)	X
Total Coliforms	< LOQ		cfu/g	10	2009916	12/02/20	AOAC 991.14 (Petrifilm)	X
Mold (RAPID Petrifilm)	< LOQ		cfu/g	10	2009914	12/02/20	AOAC 2014.05 (RAPID)	X
Yeast (RAPID Petrifilm)	20		cfu/g	10	2009914	12/02/20	AOAC 2014.05 (RAPID)	X