

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]
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.



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



Report Number: 21-000096/D04.R01
Report Date: 01/19/2021
ORELAP#: OR100028
Purchase Order:
Received: 01/05/21 14:00

This is an amended version of report# 21-000096/D04.R00.
 Reason: Report includes full safety testing

Customer: Etz Hayim Holdings
Product identity: FORM-LOTUN-CL44
Client/Metric ID: ..
Laboratory ID: 21-000096-0006 **Sample Date:** 01/05/21 09:50

Summary

Potency:

Analyte per 1g	Result	Limits	Units	Status	
CBC per 1g†	0.0543		mg/1g		CBD-Total per 1g 11.0 mg/1g
CBD per 1g	11.0		mg/1g		
CBG per 1g†	0.409		mg/1g		THC-Total per 1g 0.530 mg/1g
Δ9-THC per 1g	0.530		mg/1g		(Reported in milligrams per serving)

Residual Solvents:

All analytes passing and less than LOQ.

Pesticides:

All analytes passing and less than LOQ.

Metals:

Less than LOQ for all analytes.



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Purchase Order:
Received: 01/05/21 14:00



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

Product identity: FORM-LOTUN-CL44

Client/Metric ID: ..

Sample Date: 01/05/21 09:50

Laboratory ID: 21-000096-0006

Relinquished by: Client

Temp: 20.4 °C

Serving Size #1: 1 g

Sample Results

Potency per 1g		Method J AOAC 2015 V98-6 (mod)	Batch: 2100213	Analyze: 1/8/21 10:15:00 AM	
Analyte	Result	Limits	Units	LOQ	Notes
CBC per 1g [†]	0.0543		mg/1g	0.0319	
CBC-A per 1g [†]	< LOQ		mg/1g	0.0319	
CBC-Total per 1g [†]	< LOQ		mg/1g	0.0600	
CBD per 1g	11.0		mg/1g	0.319	
CBD-A per 1g	< LOQ		mg/1g	0.0319	
CBD-Total per 1g	11.0		mg/1g	0.348	
CBDV per 1g [†]	< LOQ		mg/1g	0.0319	
CBDV-A per 1g [†]	< LOQ		mg/1g	0.0319	
CBDV-Total per 1g [†]	< LOQ		mg/1g	0.0596	
CBG per 1g [†]	0.409		mg/1g	0.0319	
CBG-A per 1g [†]	< LOQ		mg/1g	0.0319	
CBG-Total per 1g [†]	0.409		mg/1g	0.0596	
CBL per 1g [†]	< LOQ		mg/1g	0.0319	
CBN per 1g	< LOQ		mg/1g	0.0319	
Δ8-THC per 1g [†]	< LOQ		mg/1g	0.0319	
Δ9-THC per 1g	0.530		mg/1g	0.0319	
THC-A per 1g	< LOQ		mg/1g	0.0319	
THC-Total per 1g	0.530		mg/1g	0.0600	
THCV per 1g [†]	< LOQ		mg/1g	0.0319	
THCV-A per 1g [†]	< LOQ		mg/1g	0.0319	
THCV-Total per 1g [†]	< LOQ		mg/1g	0.0600	
Total Cannabinoids 1g[†]	12.0		mg/1g		



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Solvents						Method EPA5021A		Units µg/g		Batch 2100303		Analyze 01/12/21 12:24 PM			
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											



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Pesticides											
Method AOAC 2007.01 & EN 15662 (mod) Units mg/kg Batch 2100332 Analyze 01/13/21 10:13 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							

Metals										
Analyte	Result	Limits	Units	LOQ	Batch	Analyze	Method	Notes		
Arsenic	< LOQ		mg/kg	0.0358	2100353	01/13/21	AOAC 2013.06 (mod.)	X		
Cadmium	< LOQ		mg/kg	0.0358	2100353	01/13/21	AOAC 2013.06 (mod.)	X		
Lead	< LOQ		mg/kg	0.0358	2100353	01/13/21	AOAC 2013.06 (mod.)	X		
Mercury	< LOQ		mg/kg	0.0179	2100353	01/13/21	AOAC 2013.06 (mod.)	X		



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Report Number: 21-000096/D07.R00
Report Date: 01/14/2021
ORELAP#: OR100028
Purchase Order:
Received: 01/05/21 14:00

Customer: Etz Hayim Holdings
Product identity: FORM-LOTUN-CL44
Client/Metric ID: ..
Laboratory ID: 21-000096-0005

Sample Date: 01/05/21 09:50

Summary

Microbiology:

Less than LOQ for all analytes.



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 503-254-1794



Report Number: 21-000096/D07.R00
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ORELAP#: OR100028
Purchase Order:
Received: 01/05/21 14:00

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

Product identity: FORM-LOTUN-CL44

Client/Metric ID: ..

Sample Date: 01/05/21 09:50

Laboratory ID: 21-000096-0005

Relinquished by: Client

Temp: 20.4 °C

Sample Results

Microbiology								
Analyte	Result	Limits	Units	LOQ	Batch	Analyze	Method	Notes
E.coli	< LOQ		cfu/g	10	2100251	01/13/21	AOAC 991.14 (Petrifilm)	X, I
Total Coliforms	< LOQ		cfu/g	10	2100251	01/13/21	AOAC 991.14 (Petrifilm)	X, I
Mold (RAPID Petrifilm)	< LOQ		cfu/g	10	2100250	01/13/21	AOAC 2014.05 (RAPID)	X, I
Yeast (RAPID Petrifilm)	< LOQ		cfu/g	10	2100250	01/13/21	AOAC 2014.05 (RAPID)	X, I