

## CONSOLIDATED TEST RESULTS SUMMARY

Please see the following pages for full test results.

<b>BULK SKU</b>	<b>BATCH #</b>	<b>NR:</b> Not Reported <b>NA:</b> Not Available  <b>LOQ:</b> Limit Of Quantitation <b>LOD:</b> Limit Of Detection  1 g = 10 <sup>-3</sup> kg = 10 <sup>3</sup> mg = 10 <sup>6</sup> µg 1 mg/kg = 1 ppm = 1000 ppb
<b>PRODUCT NAME</b>	<b>SERVING SIZE</b>	
<b>LABORATORY:</b> COLUMBIA LABORATORIES	<b>OREGON ACCREDITATION:</b> 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 <sup>[1]</sup>
Cadmium	µg/serving	µg/g	4.1 µg/day <sup>[1]</sup>
Lead	µg/serving	µg/g	3.5 µg/day <sup>[2]</sup>
Mercury	µg/serving	µg/g	2 µg/day <sup>[1]</sup>

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

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

TERPENES	% OF SAMPLE
Farnesene	%
β-Caryophyllene	%
α-Bisabolol	%

TERPENES	% OF SAMPLE
Guaiol	%
Humulene	%
Caryophyllene Oxide	%

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:** 20-013446/D02.R00  
**Report Date:** 12/10/2020  
**ORELAP#:** OR100028  
**Purchase Order:**  
**Received:** 12/07/20 16:11

**Customer:** Etz Hayim Holdings  
**Product identity:** FORM-CL12-HTPN.FVM Bottom  
**Client/Metric ID:** .  
**Laboratory ID:** 20-013446-0002

**Sample Date:** 12/07/20 12:45

### Summary

**Potency:**

Analyte per 1ml	Result	Limits	Units	Status	
CBC per 1ml	2.17		mg/1ml		CBD-Total per 1ml 50.3 mg/1ml
CBD per 1ml	50.3		mg/1ml		
CBDV per 1ml	0.280		mg/1ml		THC-Total per 1ml 2.12 mg/1ml
CBG per 1ml	2.06		mg/1ml		
CBL per 1ml	0.0582		mg/1ml		(Reported in milligrams per serving)
Δ9-THC per 1ml	2.12		mg/1ml		



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**Received:** 12/07/20 16:11



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

**Product identity:** FORM-CL12-HTPN.FVM Bottom

**Client/Metric ID:** .

**Sample Date:** 12/07/20 12:45

**Laboratory ID:** 20-013446-0002

**Temp:** 17.8 °C

**Serving Size #1:** 0.946 g

**Density:** 0.9460 g/ml

### Sample Results

Potency per 1ml	Method J AOAC 2015 V98-6 (mod)	Batch: 2010245	Analyze: 12/9/20 12:33:00 PM		
Analyte	Result	Limits	Units	LOQ	Notes
CBC per 1ml	2.17		mg/1ml	0.0305	
CBC-A per 1ml	< LOQ		mg/1ml	0.0305	
CBC-Total per 1ml	2.17		mg/1ml	0.0572	
CBD per 1ml	50.3		mg/1ml	0.305	
CBD-A per 1ml	< LOQ		mg/1ml	0.0305	
CBD-Total per 1ml	50.3		mg/1ml	0.332	
CBDV per 1ml	0.280		mg/1ml	0.0305	
CBDV-A per 1ml	< LOQ		mg/1ml	0.0305	
CBDV-Total per 1ml	0.280		mg/1ml	0.0569	
CBG per 1ml	2.06		mg/1ml	0.0305	
CBG-A per 1ml	< LOQ		mg/1ml	0.0305	
CBG-Total per 1ml	2.06		mg/1ml	0.0569	
CBL per 1ml	0.0582		mg/1ml	0.0305	
CBN per 1ml	< LOQ		mg/1ml	0.0305	
Δ8-THC per 1ml	< LOQ		mg/1ml	0.0305	
Δ9-THC per 1ml	2.12		mg/1ml	0.0305	
THC-A per 1ml	< LOQ		mg/1ml	0.0305	
THC-Total per 1ml	2.12		mg/1ml	0.0572	
THCV per 1ml	< LOQ		mg/1ml	0.0305	
THCV-A per 1ml	< LOQ		mg/1ml	0.0305	
THCV-Total per 1ml	< LOQ		mg/1ml	0.0572	
<b>Total Cannabinoids 1ml†</b>	<b>57.0</b>		mg/1ml		

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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 333-007-0430



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**Report Number:** 20-013446/D04.R00  
**Report Date:** 12/16/2020  
**ORELAP#:** OR100028  
**Purchase Order:**  
**Received:** 12/07/20 16:11

**Customer:** Etz Hayim Holdings  
**Product identity:** FORM-CL12-HPTN.FVM  
**Client/Metric ID:** .  
**Laboratory ID:** 20-013446-0004

**Sample Date:** 12/07/20 12:45

### Summary

**Residual Solvents:**

All analytes passing and less than LOQ.

**Pesticides:**

All analytes passing and less than LOQ.

**Terpenes:**

Analyte	Percent by weight	Percent of Total	Analyte	Percent by weight	Percent of Total
$\beta$ -Caryophyllene <sup>†</sup>	0.120	38.59%	$\alpha$ -Bisabolol <sup>†</sup>	0.0915	29.42%
Humulene <sup>†</sup>	0.0513	16.50%	(-)-caryophyllene oxide <sup>†</sup>	0.0246	7.91%
(-)-Guaiol <sup>†</sup>	0.0240	7.72%	<b>Total Terpenes<sup>†</sup></b>	<b>0.311</b>	<b>100.00%</b>

**Metals:**

Less than LOQ for all analytes.



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

**Product identity:** FORM-CL12-HPTN.FVM

**Client/Metric ID:** .

**Sample Date:** 12/07/20 12:45

**Laboratory ID:** 20-013446-0004

**Temp:** 17.8 °C

### Sample Results

Solvents						Method EPA5021A		Units µg/g		Batch 2010359		Analyze 12/14/20 09:18 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 <sup>1</sup>	< 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 2010433 Analyze 12/15/20 03:13 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							

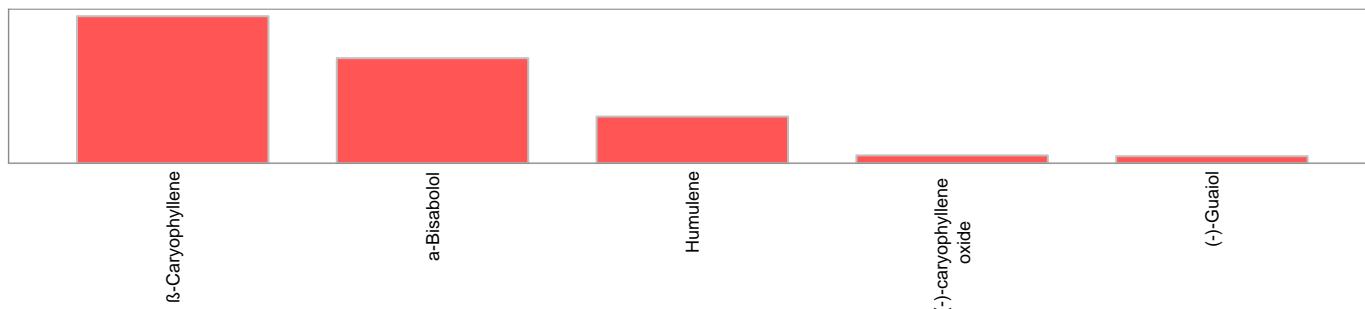


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**Received:** 12/07/20 16:11



Terpenes				Method J AOAC 2015 V98-6	Units %	Batch 2010358	Analyze 12/14/20 09:01 AM		
Analyte	Result	LOQ	% of Total	Notes	Analyte	Result	LOQ	% of Total	Notes
β-Caryophyllene†	0.120	0.020	38.59%		α-Bisabolol†	0.0915	0.020	29.42%	
Humulene†	0.0513	0.020	16.50%		(-)-caryophyllene oxide†	0.0246	0.020	7.91%	
(-)-Guaiol†	0.0240	0.020	7.72%		(-)-α-Terpineol†	< LOQ	0.020	0.00%	
(-)-Isopulegol†	< LOQ	0.020	0.00%		(-)-β-Pinene†	< LOQ	0.020	0.00%	
(+)-Borneol†	< LOQ	0.020	0.00%		(+)-Cedrol†	< LOQ	0.020	0.00%	
(+)-fenchol†	< LOQ	0.020	0.00%		(+)-Pulegone†	< LOQ	0.020	0.00%	
(±)-Camphor†	< LOQ	0.020	0.00%		(±)-cis-Nerolidol†	< LOQ	0.020	0.00%	
(±)-fenchone†	< LOQ	0.020	0.00%		(±)-trans-Nerolidol†	< LOQ	0.020	0.00%	
(R)-(+)-Limonene†	< LOQ	0.020	0.00%		α-cedrene†	< LOQ	0.020	0.00%	
α-phellandrene†	< LOQ	0.020	0.00%		α-pinene†	< LOQ	0.020	0.00%	
α-Terpinene†	< LOQ	0.020	0.00%		Camphene†	< LOQ	0.020	0.00%	
cis-β-Ocimene†	< LOQ	0.006	0.00%		d-3-Carene†	< LOQ	0.020	0.00%	
Eucalyptol†	< LOQ	0.020	0.00%		farnesene†	< LOQ	0.020	0.00%	
γ-Terpinene†	< LOQ	0.020	0.00%		Geraniol†	< LOQ	0.020	0.00%	
Geranyl acetate†	< LOQ	0.020	0.00%		Isoborneol†	< LOQ	0.020	0.00%	
Linalool†	< LOQ	0.020	0.00%		Menthol†	< LOQ	0.020	0.00%	
nerol†	< LOQ	0.020	0.00%		p-Cymene†	< LOQ	0.020	0.00%	
Sabinene†	< LOQ	0.020	0.00%		Sabinene hydrate†	< LOQ	0.020	0.00%	
β-Myrcene†	< LOQ	0.020	0.00%		Terpinolene†	< LOQ	0.020	0.00%	
trans-β-Ocimene†	< LOQ	0.013	0.00%		valencene†	< LOQ	0.020	0.00%	
<b>Total Terpenes</b>	<b>0.311</b>								



Metals									
Analyte	Result	Limits	Units	LOQ	Batch	Analyze	Method	Notes	
Arsenic	< LOQ		mg/kg	0.0404	2010399	12/14/20	AOAC 2013.06 (mod.)	X	
Cadmium	< LOQ		mg/kg	0.0404	2010399	12/14/20	AOAC 2013.06 (mod.)	X	
Lead	< LOQ		mg/kg	0.0404	2010399	12/14/20	AOAC 2013.06 (mod.)	X	
Mercury	< LOQ		mg/kg	0.0202	2010399	12/14/20	AOAC 2013.06 (mod.)	X	



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**Customer:** Etz Hayim Holdings  
**Product identity:** FORM-CL12-HPTN.FVM  
**Client/Metric ID:** .  
**Laboratory ID:** 20-013446-0003

**Sample Date:** 12/07/20 12:45

### Summary

-----  
**Microbiology:**

Less than LOQ for all analytes.





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

**Product identity:** FORM-CL12-HPTN.FVM

**Client/Metric ID:** .

**Sample Date:** 12/07/20 12:45

**Laboratory ID:** 20-013446-0003

**Temp:** 17.8 °C

### Sample Results

Microbiology								
Analyte	Result	Limits	Units	LOQ	Batch	Analyze	Method	Notes
E.coli	< LOQ		cfu/g	10	2010335	12/14/20	AOAC 991.14 (Petrifilm)	X, I
Total Coliforms	< LOQ		cfu/g	10	2010335	12/14/20	AOAC 991.14 (Petrifilm)	X, I
Mold (RAPID Petrifilm)	< LOQ		cfu/g	10	2010336	12/14/20	AOAC 2014.05 (RAPID)	X, I
Yeast (RAPID Petrifilm)	< LOQ		cfu/g	10	2010336	12/14/20	AOAC 2014.05 (RAPID)	X, I