

## 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][3]</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
Water Activity	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.

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:** 21-000285/D08.R00  
**Report Date:** 01/22/2021  
**ORELAP#:** OR100028  
**Purchase Order:**  
**Received:** 01/11/21 12:29

**Customer:** Etz Hayim Holdings  
**Product identity:** FORM-DA01-FOPETTN  
**Client/Metric ID:** .  
**Laboratory ID:** 21-000285-0002

**Sample Date:** 01/11/21 11:20

### Summary

#### Potency:

Analyte per 1ml	Result	Limits	Units	Status	
CBC per 1ml <sup>†</sup>	0.919		mg/1ml		CBD-Total per 1ml 21.7 mg/1ml
CBD per 1ml	21.7		mg/1ml		
CBDV per 1ml <sup>†</sup>	0.107		mg/1ml		THC-Total per 1ml 0.919 mg/1ml
CBG per 1ml <sup>†</sup>	2.70		mg/1ml		
Δ9-THC per 1ml	0.919		mg/1ml		(Reported in milligrams per serving)

#### 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
β-Caryophyllene <sup>†</sup>	0.0461	55.54%	α-Bisabolol <sup>†</sup>	0.0369	44.46%
<b>Total Terpenes<sup>†</sup></b>	<b>0.0830</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-DA01-FOPETTN

**Client/Metric ID:** .

**Sample Date:** 01/11/21 11:20

**Laboratory ID:** 21-000285-0002

**Relinquished by:** Client

**Temp:** 19.3 °C

**Serving Size #1:** 0.91 g

**Density:** 0.9100 g/ml

### Sample Results

Potency per 1ml	Method J AOAC 2015 V98-6 (mod)	Batch: 2100343	Analyze: 1/12/21 10:58:00 PM		
Analyte	Result	Limits	Units	LOQ	Notes
CBC per 1ml <sup>†</sup>	0.919		mg/1ml	0.0296	
CBC-A per 1ml <sup>†</sup>	< LOQ		mg/1ml	0.0296	
CBC-Total per 1ml <sup>†</sup>	0.919		mg/1ml	0.0556	
CBD per 1ml	21.7		mg/1ml	0.296	
CBD-A per 1ml	< LOQ		mg/1ml	0.0296	
CBD-Total per 1ml	21.7		mg/1ml	0.322	
CBDV per 1ml <sup>†</sup>	0.107		mg/1ml	0.0296	
CBDV-A per 1ml <sup>†</sup>	< LOQ		mg/1ml	0.0296	
CBDV-Total per 1ml <sup>†</sup>	0.107		mg/1ml	0.0553	
CBG per 1ml <sup>†</sup>	2.70		mg/1ml	0.0296	
CBG-A per 1ml <sup>†</sup>	< LOQ		mg/1ml	0.0296	
CBG-Total per 1ml <sup>†</sup>	2.70		mg/1ml	0.0553	
CBL per 1ml <sup>†</sup>	< LOQ		mg/1ml	0.0296	
CBN per 1ml	< LOQ		mg/1ml	0.0296	
Δ8-THC per 1ml <sup>†</sup>	< LOQ		mg/1ml	0.0296	
Δ9-THC per 1ml	0.919		mg/1ml	0.0296	
THC-A per 1ml	< LOQ		mg/1ml	0.0296	
THC-Total per 1ml	0.919		mg/1ml	0.0556	
THCV per 1ml <sup>†</sup>	< LOQ		mg/1ml	0.0296	
THCV-A per 1ml <sup>†</sup>	< LOQ		mg/1ml	0.0296	
THCV-Total per 1ml <sup>†</sup>	< LOQ		mg/1ml	0.0556	
<b>Total Cannabinoids 1ml<sup>†</sup></b>	<b>26.4</b>		mg/1ml		



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Solvents						Method EPA5021A		Units µg/g		Batch 2100423		Analyze 01/15/21 10:48 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 2100557 Analyze 01/20/21 10:31 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							

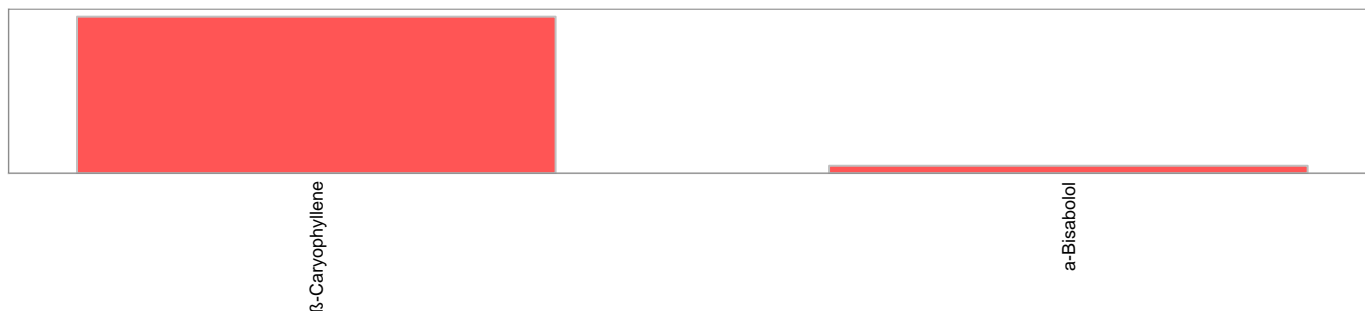


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Terpenes				Method J AOAC 2015 V98-6	Units %	Batch 2100416	Analyze 01/15/21 11:44 AM		
Analyte	Result	LOQ	% of Total	Notes	Analyte	Result	LOQ	% of Total	Notes
β-Caryophyllene†	0.0461	0.020	55.54%		α-Bisabolol†	0.0369	0.020	44.46%	
Humulene†	< LOQ	0.020	0.00%		(-)-α-Terpineol†	< LOQ	0.020	0.00%	
(-)-caryophyllene oxide†	< LOQ	0.020	0.00%		(-)-Guaiol†	< 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>0.0830</b>								



Metals									
Analyte	Result	Limits	Units	LOQ	Batch	Analyze	Method	Notes	
Arsenic	< LOQ		mg/kg	0.0420	2100499	01/18/21	AOAC 2013.06 (mod.)	X	
Cadmium	< LOQ		mg/kg	0.0420	2100499	01/18/21	AOAC 2013.06 (mod.)	X	
Lead	< LOQ		mg/kg	0.0420	2100499	01/18/21	AOAC 2013.06 (mod.)	X	
Mercury	< LOQ		mg/kg	0.0210	2100499	01/18/21	AOAC 2013.06 (mod.)	X	



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**Customer:** Etz Hayim Holdings  
**Product identity:** FORM-DA01-FOPETTN  
**Client/Metric ID:** .  
**Laboratory ID:** 21-000285-0001

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### Summary

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**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-DA01-FOPETTN

**Client/Metric ID:** .

**Sample Date:** 01/11/21 11:20

**Laboratory ID:** 21-000285-0001

**Relinquished by:** Client

**Temp:** 19.3 °C

### Sample Results

Microbiology								
Analyte	Result	Limits	Units	LOQ	Batch	Analyze	Method	Notes
E.coli	< LOQ		cfu/g	10	2100455	01/18/21	AOAC 991.14 (Petrifilm)	X
Total Coliforms	< LOQ		cfu/g	10	2100455	01/18/21	AOAC 991.14 (Petrifilm)	X
Mold (RAPID Petrifilm)	< LOQ		cfu/g	10	2100456	01/18/21	AOAC 2014.05 (RAPID)	X
Yeast (RAPID Petrifilm)	< LOQ		cfu/g	10	2100456	01/18/21	AOAC 2014.05 (RAPID)	X