

## 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:** 20-012639/D02.R00  
**Report Date:** 11/19/2020  
**ORELAP#:** OR100028  
**Purchase Order:**  
**Received:** 11/17/20 12:53

**Customer:** Etz Hayim Holdings  
**Product identity:** ORD-HPTN-CJ91 Bottom  
**Client/Metric ID:** .  
**Laboratory ID:** 20-012639-0002

**Sample Date:** 11/17/20 10:00

### Summary

**Potency:**

Analyte per 1ml	Result	Limits	Units	Status	
CBC per 1ml	1.96		mg/1ml		CBD-Total per 1ml 51.8 mg/1ml
CBD per 1ml	51.7		mg/1ml		
CBD-A per 1ml	0.121		mg/1ml		THC-Total per 1ml 1.93 mg/1ml
CBDV per 1ml	0.771		mg/1ml		
CBG per 1ml	2.06		mg/1ml		(Reported in milligrams per serving)
CBL per 1ml	0.0592		mg/1ml		
CBN per 1ml	0.0731		mg/1ml		
Δ9-THC per 1ml	1.93		mg/1ml		



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**Purchase Order:**  
**Received:** 11/17/20 12:53



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

**Product identity:** ORD-HPTN-CJ91 Bottom  
**Client/Metric ID:** .  
**Sample Date:** 11/17/20 10:00  
**Laboratory ID:** 20-012639-0002  
**Relinquished by:** Client  
**Temp:** 20 °C  
**Serving Size #1:** 0.93 g  
**Density:** 0.9300 g/ml

### Sample Results

Potency per 1ml	Method J AOAC 2015 V98-6 (mod)	Batch: 2009707	Analyze: 11/18/20 9:13:00 PM		
Analyte	Result	Limits	Units	LOQ	Notes
CBC per 1ml	1.96		mg/1ml	0.0295	
CBC-A per 1ml	< LOQ		mg/1ml	0.0295	
CBC-Total per 1ml	1.96		mg/1ml	0.0554	
CBD per 1ml	51.7		mg/1ml	0.295	
CBD-A per 1ml	0.121		mg/1ml	0.0295	
CBD-Total per 1ml	51.8		mg/1ml	0.321	
CBDV per 1ml	0.771		mg/1ml	0.0295	
CBDV-A per 1ml	< LOQ		mg/1ml	0.0295	
CBDV-Total per 1ml	0.771		mg/1ml	0.0551	
CBG per 1ml	2.06		mg/1ml	0.0295	
CBG-A per 1ml	< LOQ		mg/1ml	0.0295	
CBG-Total per 1ml	2.06		mg/1ml	0.0551	
CBL per 1ml	0.0592		mg/1ml	0.0295	
CBN per 1ml	0.0731		mg/1ml	0.0295	
Δ8-THC per 1ml	< LOQ		mg/1ml	0.0295	
Δ9-THC per 1ml	1.93		mg/1ml	0.0295	
THC-A per 1ml	< LOQ		mg/1ml	0.0295	
THC-Total per 1ml	1.93		mg/1ml	0.0554	
THCV per 1ml	< LOQ		mg/1ml	0.0295	
THCV-A per 1ml	< LOQ		mg/1ml	0.0295	
THCV-Total per 1ml	< LOQ		mg/1ml	0.0554	
<b>Total Cannabinoids 1ml<sup>†</sup></b>	<b>58.7</b>		mg/1ml		



12423 NE Whitaker Way  
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**Report Number:** 20-012843/D04.R00  
**Report Date:** 11/25/2020  
**ORELAP#:** OR100028  
**Purchase Order:**  
**Received:** 11/20/20 11:53

**Customer:** Etz Hayim Holdings  
**Product identity:** ORD-HPTN-CJ91  
**Client/Metric ID:** .  
**Laboratory ID:** 20-012843-0001

**Sample Date:** 11/20/20 10:37

### Summary

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**Microbiology:**

Less than LOQ for all analytes.



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**Report Number:** 20-012843/D04.R00  
**Report Date:** 11/25/2020  
**ORELAP#:** OR100028  
**Purchase Order:**  
**Received:** 11/20/20 11:53



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

**Product identity:** ORD-HPTN-CJ91

**Client/Metric ID:** .

**Sample Date:** 11/20/20 10:37

**Laboratory ID:** 20-012843-0001

**Evidence of Cooling:** No

**Temp:** 12.1 °C

**Relinquished by:** Tyler Ashmore

### Sample Results

#### Microbiology

Analyte	Result	Limits	Units	LOQ	Batch	Analyze	Method	Notes
E.coli	< LOQ		cfu/g	10	2009792	11/24/20	AOAC 991.14 (Petrifilm)	X
Total Coliforms	< LOQ		cfu/g	10	2009792	11/24/20	AOAC 991.14 (Petrifilm)	X
Mold (RAPID Petrifilm)	< LOQ		cfu/g	10	2009793	11/24/20	AOAC 2014.05 (RAPID)	X
Yeast (RAPID Petrifilm)	< LOQ		cfu/g	10	2009793	11/24/20	AOAC 2014.05 (RAPID)	X



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**Report Number:** 20-012639/D04.R00  
**Report Date:** 11/25/2020  
**ORELAP#:** OR100028  
**Purchase Order:**  
**Received:** 11/17/20 12:53

**Customer:** Etz Hayim Holdings  
**Product identity:** ORD-HPTN-CJ91  
**Client/Metric ID:** .  
**Laboratory ID:** 20-012639-0003

**Sample Date:** 11/17/20 10:00

### 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>	0.0706	36.58%	$\alpha$ -Bisabolol <sup>†</sup>	0.0475	24.61%
(-)-Guaiol <sup>†</sup>	0.0437	22.64%	Humulene <sup>†</sup>	0.0313	16.22%
<b>Total Terpenes<sup>†</sup></b>	<b>0.193</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:** ORD-HPTN-CJ91

**Client/Metric ID:** .

**Sample Date:** 11/17/20 10:00

**Laboratory ID:** 20-012639-0003

**Relinquished by:** Client

**Temp:** 20 °C

### Sample Results

Solvents		Method EPA5021A				Units µg/g	Batch 2009710	Analyze 11/20/20 11:16 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>i</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 2009831 Analyze 11/23/20 05:20 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							



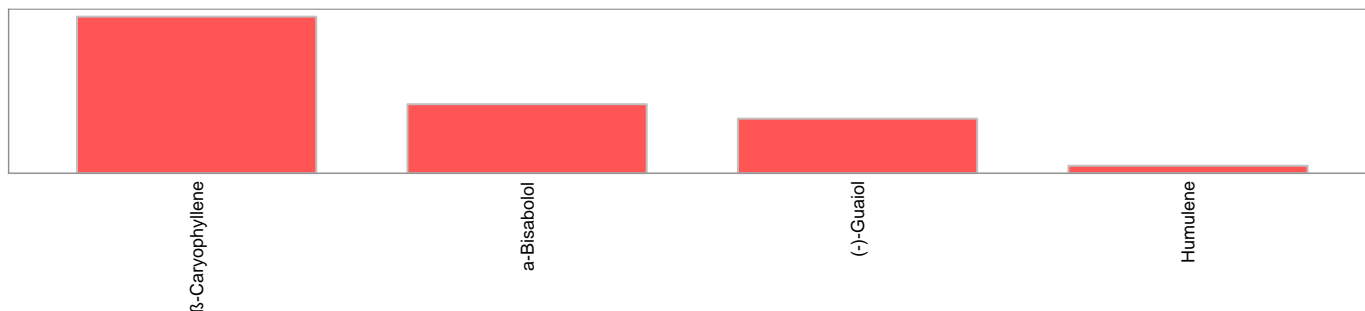


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**Report Date:** 11/25/2020  
**ORELAP#:** OR100028  
**Purchase Order:**  
**Received:** 11/17/20 12:53



Terpenes				Method J AOAC 2015 V98-6	Units %	Batch 2009759	Analyze 11/20/20 10:44 AM		
Analyte	Result	LOQ	% of Total	Notes	Analyte	Result	LOQ	% of Total	Notes
β-Caryophyllene†	0.0706	0.020	36.58%		α-Bisabolol†	0.0475	0.020	24.61%	
(-)-Guaiol†	0.0437	0.020	22.64%		Humulene†	0.0313	0.020	16.22%	
(-)-α-Terpineol†	< LOQ	0.020	0.00%		(-)-caryophyllene oxide†	< 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>0.193</b>								



Metals									
Analyte	Result	Limits	Units	LOQ	Batch	Analyze	Method	Notes	
Arsenic	< LOQ		mg/kg	0.0493	2009834	11/23/20	AOAC 2013.06 (mod.)	X	
Cadmium	< LOQ		mg/kg	0.0493	2009834	11/23/20	AOAC 2013.06 (mod.)	X	
Lead	< LOQ		mg/kg	0.0493	2009834	11/23/20	AOAC 2013.06 (mod.)	X	
Mercury	< LOQ		mg/kg	0.0246	2009834	11/23/20	AOAC 2013.06 (mod.)	X	