

## 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:** 20-012931/D05.R00  
**Report Date:** 12/02/2020  
**ORELAP#:** OR100028  
**Purchase Order:**  
**Received:** 11/23/20 16:05

**Customer:** Etz Hayim Holdings  
**Product identity:** FORM-TN.CBGCBD.FS50-CK37  
**Client/Metric ID:** .  
**Laboratory ID:** 20-012931-0001      **Sample Date:** 11/13/20 10:00

### Summary

#### Potency:

Analyte per 1ml	Result	Limits	Units	Status	
CBC per 1ml	1.94		mg/1ml		CBD-Total per 1ml 29.4 mg/1ml
CBD per 1ml	29.4		mg/1ml		
CBDV per 1ml	0.457		mg/1ml		THC-Total per 1ml 1.39 mg/1ml
CBG per 1ml	26.5		mg/1ml		(Reported in milligrams per serving)
CBN per 1ml	0.0370		mg/1ml		
Δ9-THC per 1ml	1.39		mg/1ml		
THCV per 1ml	0.0599		mg/1ml		

#### 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
farnesene <sup>†</sup>	0.0732	31.42%	β-Caryophyllene <sup>†</sup>	0.0551	23.65%
α-Bisabolol <sup>†</sup>	0.0467	20.04%	(-)-Guaiol <sup>†</sup>	0.0348	14.94%
Humulene <sup>†</sup>	0.0229	9.83%	<b>Total Terpenes<sup>†</sup></b>	<b>0.233</b>	<b>100.00%</b>

#### Metals:

Less than LOQ for all analytes.

#### Microbiology:

Less than LOQ for all analytes.



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

**Product identity:** FORM-TN.CBGCBD.FS50-CK37

**Client/Metric ID:** .

**Sample Date:** 11/13/20 10:00

**Laboratory ID:** 20-012931-0001

**Relinquished by:** Claire Goldstein

**Temp:** 20 °C

**Serving Size #1:** 0.95 g

**Density:** 0.9497 g/ml

### Sample Results

Potency per 1ml	Method J AOAC 2015 V98-6 (mod)	Batch: 2009879	Analyze: 11/24/20 4:38:00 PM		
Analyte	Result	Limits	Units	LOQ	Notes
CBC per 1ml	1.94		mg/1ml	0.0311	
CBC-A per 1ml	< LOQ		mg/1ml	0.0311	
CBC-Total per 1ml	1.94		mg/1ml	0.0585	
CBD per 1ml	29.4		mg/1ml	0.311	
CBD-A per 1ml	< LOQ		mg/1ml	0.0311	
CBD-Total per 1ml	29.4		mg/1ml	0.339	
CBDV per 1ml	0.457		mg/1ml	0.0311	
CBDV-A per 1ml	< LOQ		mg/1ml	0.0311	
CBDV-Total per 1ml	0.457		mg/1ml	0.0581	
CBG per 1ml	26.5		mg/1ml	0.311	
CBG-A per 1ml	< LOQ		mg/1ml	0.0311	
CBG-Total per 1ml	26.5		mg/1ml	0.338	
CBL per 1ml	< LOQ		mg/1ml	0.0311	
CBN per 1ml	0.0370		mg/1ml	0.0311	
Δ8-THC per 1ml	< LOQ		mg/1ml	0.0311	
Δ9-THC per 1ml	1.39		mg/1ml	0.0311	
THC-A per 1ml	< LOQ		mg/1ml	0.0311	
THC-Total per 1ml	1.39		mg/1ml	0.0585	
THCV per 1ml	0.0599		mg/1ml	0.0311	
THCV-A per 1ml	< LOQ		mg/1ml	0.0311	
THCV-Total per 1ml	0.0599		mg/1ml	0.0585	
<b>Total Cannabinoids 1ml<sup>†</sup></b>	<b>59.8</b>		mg/1ml		



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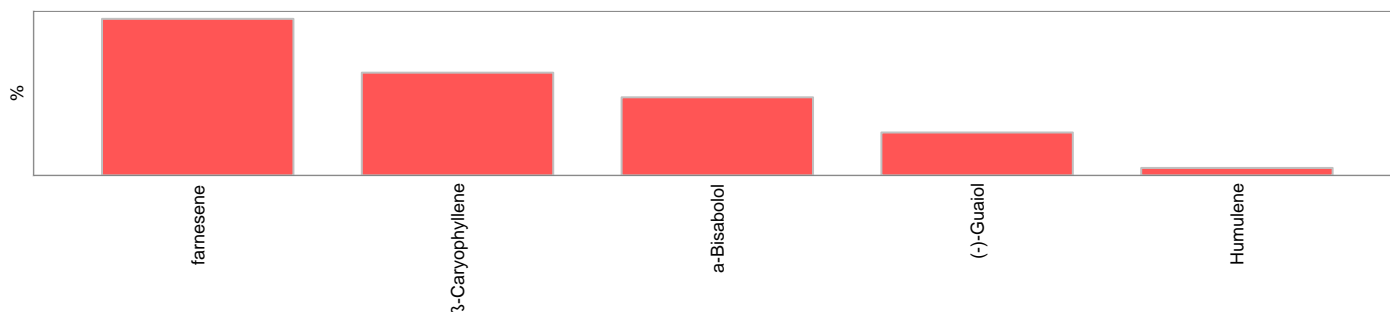
Solvents		Method EPA5021A				Units µg/g	Batch 2009928	Analyze 11/30/20 11:17 AM			
Analyte	Result	Limits	LOQ	Status	Notes	Analyte	Result	Limits	LOQ	Status	Notes
1,4-Dioxane	< LOQ	380	100	pass		2-Butanol	< LOQ	5000	200	pass	
2-Ethoxyethanol	< LOQ	160	30.0	pass		2-Methylbutane	< LOQ		200		
2-Methylpentane	< 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 <sup>l</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							

Pesticides		Method AOAC 2007.01 & EN 15662 (mod)				Units mg/kg	Batch 2009973	Analyze 12/01/20 12:14 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		Etoazole	< 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	



Pesticides		Method AOAC 2007.01 & EN 15662 (mod)				Units mg/kg	Batch 2009973	Analyze 12/01/20 12:14 PM			
Analyte	Result	Limits	LOQ	Status	Notes	Analyte	Result	Limits	LOQ	Status	Notes
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							

Terpenes		Method J AOAC 2015 V98-6			Units %	Batch 2009912	Analyze 11/30/20 09:36 AM			
Analyte	Result	LOQ	% of Total	Notes	Analyte	Result	LOQ	% of Total	Notes	
farnesene <sup>†</sup>	0.0732	0.020	31.42%		β-Caryophyllene <sup>†</sup>	0.0551	0.020	23.65%		
α-Bisabolol <sup>†</sup>	0.0467	0.020	20.04%		(-)-Guaiol <sup>†</sup>	0.0348	0.020	14.94%		
Humulene <sup>†</sup>	0.0229	0.020	9.83%		(-)-α-Terpineol <sup>†</sup>	< LOQ	0.020	0.00%		
(-)-caryophyllene oxide <sup>†</sup>	< LOQ	0.020	0.00%		(-)-Isopulegol <sup>†</sup>	< LOQ	0.020	0.00%		
(-)-β-Pinene <sup>†</sup>	< LOQ	0.020	0.00%		(+)-Borneol <sup>†</sup>	< LOQ	0.020	0.00%		
(+)-Cedrol <sup>†</sup>	< LOQ	0.020	0.00%		(+)-fenchol <sup>†</sup>	< LOQ	0.020	0.00%		
(+)-Pulegone <sup>†</sup>	< LOQ	0.020	0.00%		(±)-Camphor <sup>†</sup>	< LOQ	0.020	0.00%		
(±)-cis-Nerolidol <sup>†</sup>	< LOQ	0.020	0.00%		(±)-fenchone <sup>†</sup>	< LOQ	0.020	0.00%		
(±)-trans-Nerolidol <sup>†</sup>	< LOQ	0.020	0.00%		(R)-(+)-Limonene <sup>†</sup>	< LOQ	0.020	0.00%		
α-cedrene <sup>†</sup>	< LOQ	0.020	0.00%		α-phellandrene <sup>†</sup>	< LOQ	0.020	0.00%		
α-pinene <sup>†</sup>	< LOQ	0.020	0.00%		α-Terpinene <sup>†</sup>	< LOQ	0.020	0.00%		
Camphene <sup>†</sup>	< LOQ	0.020	0.00%		cis-β-Ocimene <sup>†</sup>	< LOQ	0.006	0.00%		
d-3-Carene <sup>†</sup>	< LOQ	0.020	0.00%		Eucalyptol <sup>†</sup>	< LOQ	0.020	0.00%		
γ-Terpinene <sup>†</sup>	< LOQ	0.020	0.00%		Geraniol <sup>†</sup>	< LOQ	0.020	0.00%		
Geranyl acetate <sup>†</sup>	< LOQ	0.020	0.00%		Isoborneol <sup>†</sup>	< LOQ	0.020	0.00%		
Linalool <sup>†</sup>	< LOQ	0.020	0.00%		Menthol <sup>†</sup>	< LOQ	0.020	0.00%		
nerol <sup>†</sup>	< LOQ	0.020	0.00%		p-Cymene <sup>†</sup>	< LOQ	0.020	0.00%		
Sabinene <sup>†</sup>	< LOQ	0.020	0.00%		Sabinene hydrate <sup>†</sup>	< LOQ	0.020	0.00%		
β-Myrcene <sup>†</sup>	< LOQ	0.020	0.00%		Terpinolene <sup>†</sup>	< LOQ	0.020	0.00%		
trans-β-Ocimene <sup>†</sup>	< LOQ	0.013	0.00%		valencene <sup>†</sup>	< LOQ	0.020	0.00%		
<b>Total Terpenes</b>	<b>0.233</b>									





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**Microbiology**

Analyte	Result	Limits	Units	LOQ	Batch	Analyze	Method	Notes
E.coli	< LOQ		cfu/g	10	2009844	11/30/20	AOAC 991.14 (Petrifilm)	X
Total Coliforms	< LOQ		cfu/g	10	2009844	11/30/20	AOAC 991.14 (Petrifilm)	X
Mold (RAPID Petrifilm)	< LOQ		cfu/g	10	2009843	11/30/20	AOAC 2014.05 (RAPID)	X
Yeast (RAPID Petrifilm)	< LOQ		cfu/g	10	2009843	11/30/20	AOAC 2014.05 (RAPID)	X

**Metals**

Analyte	Result	Limits	Units	LOQ	Batch	Analyze	Method	Notes
Arsenic	< LOQ		mg/kg	0.0467	2009998	12/01/20	AOAC 2013.06 (mod.)	X
Cadmium	< LOQ		mg/kg	0.0467	2009998	12/01/20	AOAC 2013.06 (mod.)	X
Lead	< LOQ		mg/kg	0.0467	2009998	12/01/20	AOAC 2013.06 (mod.)	X
Mercury	< LOQ		mg/kg	0.0234	2009998	12/01/20	AOAC 2013.06 (mod.)	X