



## CONSOLIDATED TEST RESULTS SUMMARY

Please see the following pages for full test results.

<b>TN.FS.YZ50</b>	<b>BATCH # CH84(A)</b>	<b>NR: Not Reported</b> <b>NA: Not Available</b>
<b>HIGH POTENCY YUZU FULL SPECTRUM TINCTURE</b>	<b>1 ML</b>	<b>LOQ: Limit Of Quantitation</b> <b>LOD: Limit Of Detection</b>
<b>LABORATORY: COLUMBIA LABORATORIES</b>	<b>OREGON ACCREDITATION: OR100028</b>	<b>1 g = 10<sup>-3</sup> kg = 10<sup>3</sup> mg = 10<sup>6</sup> µg</b> <b>1 mg/kg = 1 ppm = 1000 ppb</b>

POTENCY	PER SERVING	PER GRAM	REGULATORY ACTION LEVEL
Cannabidiol (CBD)	56.4 mg/serving	50.76 mg/g	N/A
Total THC (d9-THC, d8-THC, THCA)	1.96 mg/serving	1.76 mg/g	3 mg/g
Cannabigerol (CBG)	2.10 mg/serving	1.89 mg/g	N/A
Cannabinol (CBN)	0.0446 mg/serving	0.04 mg/g	N/A
Cannabichromene (CBC)	2.03 mg/serving	1.83 mg/g	N/A
Tetrahydrocannabinolic Acid (THCA)	<LOQ mg/serving	<LOQ mg/g	N/A
Delta-9-THC (d9-THC)	1.96 mg/serving	1.76 mg/g	N/A
Delta-8-THC (d8-THC)	<LOQ mg/serving	<LOQ mg/g	N/A

HEAVY METALS	PER SERVING	PER GRAM	REGULATORY ACTION LEVEL
Arsenic	<LOQ µg/serving	<LOQ µg/g	10 µg/day <sup>[1]</sup>
Cadmium	<LOQ µg/serving	<LOQ µg/g	4.1 µg/day <sup>[1]</sup>
Lead	0.0545 µg/serving	0.0491 µg/g	3.5 µg/day <sup>[2]</sup>
Mercury	<LOQ µg/serving	<LOQ µg/g	2 µg/day <sup>[1]</sup>

PESTICIDES	REGULATORY ACTION LEVEL
None of the 59 pesticides tested found above limit of quantitation 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	37.85%
β-Caryophyllene	24.34%
a-Bisabolol	17.08%

TERPENES	% OF SAMPLE
Guaiol	12.06%
Humulene	8.74%

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:** 20-009947/D02.R00  
**Report Date:** 09/23/2020  
**ORELAP#:** OR100028  
**Purchase Order:**  
**Received:** 09/17/20 09:45

**Customer:** Etz Hayim Holdings  
**Product identity:** CH84(A)-TN.FS-YZ50 Bottom  
**Client/Metric ID:** .  
**Laboratory ID:** 20-009947-0002

**Sample Date:** 09/16/20 16:45

### Summary

#### Potency:

Analyte per 1ml	Result	Limits	Units	Status	
CBC per 1ml	2.03		mg/1ml		CBD-Total per 1ml 56.4 mg/1ml
CBD per 1ml	56.4		mg/1ml		
CBDV per 1ml	0.703		mg/1ml		THC-Total per 1ml 1.96 mg/1ml
CBG per 1ml	2.10		mg/1ml		
CBL per 1ml	0.0599		mg/1ml		(Reported in milligrams per serving)
CBN per 1ml	0.0446		mg/1ml		
$\Delta$ 9-THC per 1ml	1.96		mg/1ml		



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**Purchase Order:**  
**Received:** 09/17/20 09:45



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

**Product identity:** CH84(A)-TN.FS-YZ50 Bottom

**Client/Metric ID:** .

**Sample Date:** 09/16/20 16:45

**Laboratory ID:** 20-009947-0002

**Relinquished by:** Client

**Temp:** 17.9 °C

**Density:** 0.900 g/ml

**Serving Size #1:** 0.9 g

### Sample Results

Potency per 1ml	Method J AOAC 2015 V98-6 (mod)	Batch: 2007792	Analyze: 9/22/20 5:03:00 PM		
Analyte	Result	Limits	Units	LOQ	Notes
CBC per 1ml	2.03		mg/1ml	0.0291	
CBC-A per 1ml	< LOQ		mg/1ml	0.0291	
CBC-Total per 1ml	2.03		mg/1ml	0.0546	
CBD per 1ml	56.4		mg/1ml	0.291	
CBD-A per 1ml	< LOQ		mg/1ml	0.0291	
CBD-Total per 1ml	56.4		mg/1ml	0.316	
CBDV per 1ml	0.703		mg/1ml	0.0291	
CBDV-A per 1ml	< LOQ		mg/1ml	0.0291	
CBDV-Total per 1ml	0.703		mg/1ml	0.0543	
CBG per 1ml	2.10		mg/1ml	0.0291	
CBG-A per 1ml	< LOQ		mg/1ml	0.0291	
CBG-Total per 1ml	2.10		mg/1ml	0.0543	
CBL per 1ml	0.0599		mg/1ml	0.0291	
CBN per 1ml	0.0446		mg/1ml	0.0291	
Δ8-THC per 1ml	< LOQ		mg/1ml	0.0291	
Δ9-THC per 1ml	1.96		mg/1ml	0.0291	
THC-A per 1ml	< LOQ		mg/1ml	0.0291	
THC-Total per 1ml	1.96		mg/1ml	0.0546	
THCV per 1ml	< LOQ		mg/1ml	0.0291	
THCV-A per 1ml	< LOQ		mg/1ml	0.0291	
THCV-Total per 1ml	< LOQ		mg/1ml	0.0546	
<b>Total Cannabinoids 1ml<sup>†</sup></b>	<b>63.3</b>		mg/1ml		

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**Report Number:** 20-009947/D05.R00  
**Report Date:** 09/29/2020  
**ORELAP#:** OR100028  
**Purchase Order:**  
**Received:** 09/17/20 09:45

**Customer:** Etz Hayim Holdings  
**Product identity:** CH84(A)-TN.FS-YZ50  
**Client/Metric ID:** .  
**Laboratory ID:** 20-009947-0003

**Sample Date:** 09/16/20 16:45

### 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:** CH84(A)-TN.FS-YZ50

**Client/Metric ID:** .

**Sample Date:** 09/16/20 16:45

**Laboratory ID:** 20-009947-0003

**Relinquished by:** Client

**Temp:** 17.9 °C

### Sample Results

Microbiology								
Analyte	Result	Limits	Units	LOQ	Batch	Analyze	Method	Notes
E.coli	< LOQ		cfu/g	10	2007817	09/26/20	AOAC 991.14 (Petrifilm)	X
Total Coliforms	< LOQ		cfu/g	10	2007817	09/26/20	AOAC 991.14 (Petrifilm)	X
Mold (RAPID Petrifilm)	< LOQ		cfu/g	10	2007816	09/26/20	AOAC 2014.05 (RAPID)	X
Yeast (RAPID Petrifilm)	< LOQ		cfu/g	10	2007816	09/26/20	AOAC 2014.05 (RAPID)	X

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**Report Number:** 20-009947/D04.R00  
**Report Date:** 09/29/2020  
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**Purchase Order:**  
**Received:** 09/17/20 09:45

**Customer:** Etz Hayim Holdings  
**Product identity:** CH84(A)-TN.FS-YZ50  
**Client/Metric ID:** .  
**Laboratory ID:** 20-009947-0004

**Sample Date:** 09/16/20 16:45

### 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
farnesene†	0.123	37.85%	β-Caryophyllene†	0.0791	24.34%
α-Bisabolol†	0.0555	17.08%	(-)-Guaial†	0.0392	12.06%
Humulene†	0.0284	8.74%	<b>Total Terpenes†</b>	<b>0.325</b>	<b>100.00%</b>

#### Metals:

Analyte	Result	Limits
Lead	0.0491	



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**Received:** 09/17/20 09:45



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

**Product identity:** CH84(A)-TN.FS-YZ50

**Client/Metric ID:** .

**Sample Date:** 09/16/20 16:45

**Laboratory ID:** 20-009947-0004

**Relinquished by:** Client

**Temp:** 17.9 °C

### Sample Results

Solvents		Method EPA5021A				Units µg/g	Batch 2007813	Analyze 09/24/20 08:22 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 2007914 Analyze 09/25/20 04:20 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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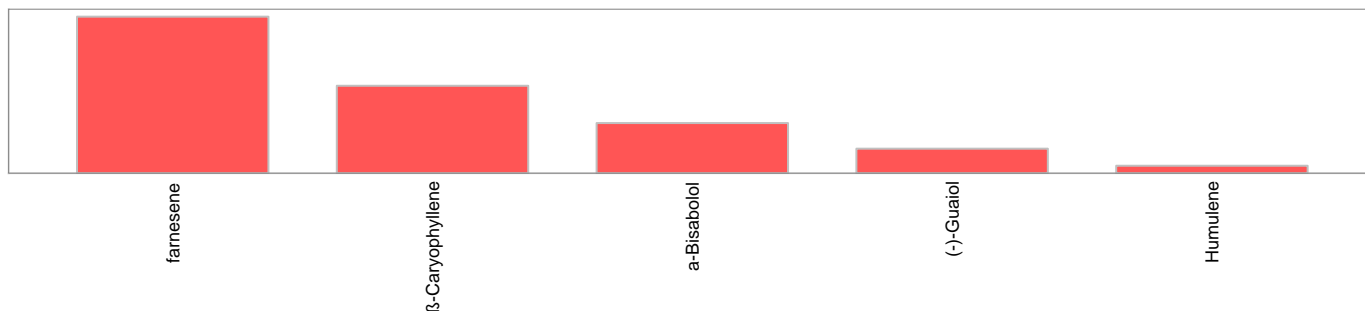


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**Purchase Order:**  
**Received:** 09/17/20 09:45



Terpenes				Method J AOAC 2015 V98-6	Units %	Batch 2007888	Analyze 09/25/20 10:59 AM		
Analyte	Result	LOQ	% of Total	Notes	Analyte	Result	LOQ	% of Total	Notes
farnesene <sup>†</sup>	0.123	0.020	37.85%		β-Caryophyllene <sup>†</sup>	0.0791	0.020	24.34%	
α-Bisabolol <sup>†</sup>	0.0555	0.020	17.08%		(-)-Guaiol <sup>†</sup>	0.0392	0.020	12.06%	
Humulene <sup>†</sup>	0.0284	0.020	8.74%		(-)-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>0.325</b>								



Metals								
Analyte	Result	Limits	Units	LOQ	Batch	Analyze	Method	Notes
Arsenic	< LOQ		mg/kg	0.0440	2007930	09/25/20	AOAC 2013.06 (mod.)	X
Cadmium	< LOQ		mg/kg	0.0440	2007930	09/25/20	AOAC 2013.06 (mod.)	X
Lead	0.0491		mg/kg	0.0440	2007930	09/25/20	AOAC 2013.06 (mod.)	X
Mercury	< LOQ		mg/kg	0.0220	2007930	09/25/20	AOAC 2013.06 (mod.)	X

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