



## CONSOLIDATED TEST RESULTS SUMMARY

Please see the following pages for full test results.

<b>LIQCP100</b>	<b>CD116(A)</b>	<b>NR: Not Reported</b> <b>NA: Not Available</b>
<b>LIQUID CAP- 100MG</b>	<b>0.5ML</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)	111 mg/serving	233 mg/g	N/A
Total THC (d9-THC + d8-THC)	1.20 mg/serving	2.51 mg/g	3 mg/g
Cannabigerol (CBG)	0.33 mg/serving	0.69 mg/g	N/A
Cannabinol (CBN)	0.04 mg/serving	0.08 mg/g	N/A
Cannabichromene (CBC)	0.02 mg/serving	0.05 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	<LOQ µg/serving	<LOQ 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
(R)-(+)-Limonene	0.209%
β-Caryophyllene	0.048%
β-Myrcene	0.181%

TERPENES	% OF SAMPLE
Guaiol	X.XXXX%
Humulene	X.XXXX%
Caryophyllene Oxide	X.XXXX%

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:** 20-004696/D02.R00  
**Report Date:** 05/12/2020  
**ORELAP#:** OR100028  
**Purchase Order:**  
**Received:** 05/06/20 16:45

**Customer:** Etz Hayim Holdings  
**Product identity:** LIQCP100-CD116(A)  
**Client/Metric ID:** FORM-0505-CD116(A)  
**Laboratory ID:** 20-004696-0001

### Summary

#### Potency:

Analyte per 1ml	Result	Limits	Units	Status	
CBC per 1ml	0.0545		mg/1ml		CBD-Total per 1ml 222 mg/1ml
CBD per 1ml	222		mg/1ml		
CBDV per 1ml	0.980		mg/1ml		THC-Total per 1ml 2.39 mg/1ml
CBG per 1ml	0.663		mg/1ml		(Reported in milligrams per serving)
CBL per 1ml	0.218		mg/1ml		
CBN per 1ml	0.0814		mg/1ml		
$\Delta^9$ -THC per 1ml	2.39		mg/1ml		



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**Product identity:** LIQCP100-CD116(A)  
**Client/Metric ID:** FORM-0505-CD116(A)  
**Sample Date:**  
**Laboratory ID:** 20-004696-0001  
**Relinquished by:** Michael Mackay  
**Temp:** 27 °C

### Sample Results

Potency per 1ml	Method J AOAC 2015 V98-6 (mod)	Batch: 2003952	Analyze: 1/1/70 12:00:00 AM		
Analyte	Result	Limits	Units	LOQ	Notes
CBC per 1ml	0.0545		mg/1ml	0.0309	
CBC-A per 1ml	< LOQ		mg/1ml	0.0309	
CBC-Total per 1ml	< LOQ		mg/1ml	0.0580	
CBD per 1ml	222		mg/1ml	3.09	
CBD-A per 1ml	< LOQ		mg/1ml	0.0309	
CBD-Total per 1ml	222		mg/1ml	3.12	
CBDV per 1ml	0.980		mg/1ml	0.0309	
CBDV-A per 1ml	< LOQ		mg/1ml	0.0309	
CBDV-Total per 1ml	0.980		mg/1ml	0.0577	
CBG per 1ml	0.663		mg/1ml	0.0309	
CBG-A per 1ml	< LOQ		mg/1ml	0.0309	
CBG-Total per 1ml	0.663		mg/1ml	0.0577	
CBL per 1ml	0.218		mg/1ml	0.0309	
CBN per 1ml	0.0814		mg/1ml	0.0309	
Δ8-THC per 1ml	< LOQ		mg/1ml	0.0309	
Δ9-THC per 1ml	2.39		mg/1ml	0.0309	
THC-A per 1ml	< LOQ		mg/1ml	0.0309	
THC-Total per 1ml	2.39		mg/1ml	0.0580	
THCV per 1ml	< LOQ		mg/1ml	0.0309	
THCV-A per 1ml	< LOQ		mg/1ml	0.0309	
THCV-Total per 1ml	< LOQ		mg/1ml	0.0580	
<b>Total Cannabinoids 1ml†</b>	<b>226</b>		mg/1ml		

Analyte	Result	Limits	Units	LOQ	Batch	Analyze	Method	Notes
Density	0.951		g/ml			05/11/20	Client Provided	

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**Customer:** Etz Hayim Holdings  
**Product identity:** LIQCP100-CD116(A)  
**Client/Metric ID:** FORM-0505-CD116(A)  
**Laboratory ID:** 20-004696-0002

### 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
(R)-(+)-Limonene†	0.209	47.72%	β-Myrcene†	0.181	41.32%
β-Caryophyllene†	0.0476	10.87%	<b>Total Terpenes†</b>	<b>0.438</b>	<b>100.00%</b>

#### Metals:

Less than LOQ for all analytes.



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**Customer:** Etz Hayim Holdings

**Product identity:** LIQCP100-CD116(A)  
**Client/Metric ID:** FORM-0505-CD116(A)  
**Sample Date:**  
**Laboratory ID:** 20-004696-0002  
**Relinquished by:** Michael Mackay  
**Temp:** 27 °C

### Sample Results

Solvents		Method EPA5021A				Units µg/g	Batch 2004083	Analyze 05/15/20 11:45 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†	< 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 2004121 Analyze 05/17/20 03:49 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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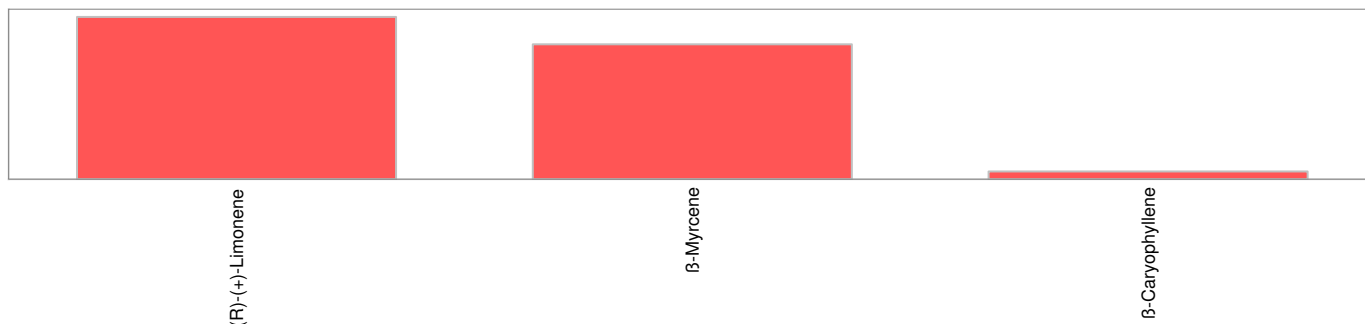


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Terpenes				Method J AOAC 2015 V98-6	Units %	Batch 2004163	Analyze 05/19/20 07:49 AM		
Analyte	Result	LOQ	% of Total	Notes	Analyte	Result	LOQ	% of Total	Notes
(R)-(+)-Limonene†	0.209	0.020	47.72%		β-Myrcene†	0.181	0.020	41.32%	
β-Caryophyllene†	0.0476	0.020	10.87%		(-)-a-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%	
a-Bisabolol†	< LOQ	0.020	0.00%		a-cedrene†	< LOQ	0.020	0.00%	
a-phellandrene†	< LOQ	0.020	0.00%		a-pinene†	< LOQ	0.020	0.00%	
a-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%	
gamma-Terpinene†	< LOQ	0.020	0.00%		Geraniol†	< LOQ	0.020	0.00%	
Geranyl acetate†	< LOQ	0.020	0.00%		Humulene†	< 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%		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>0.438</b>								



Metals									
Analyte	Result	Limits	Units	LOQ	Batch	Analyze	Method	Notes	
Arsenic	< LOQ		mg/kg	0.0453	2004159	05/18/20	AOAC 2013.06 (mod.)	X	
Cadmium	< LOQ		mg/kg	0.0453	2004159	05/18/20	AOAC 2013.06 (mod.)	X	
Lead	< LOQ		mg/kg	0.0453	2004159	05/18/20	AOAC 2013.06 (mod.)	X	
Mercury	< LOQ		mg/kg	0.0226	2004159	05/18/20	AOAC 2013.06 (mod.)	X	

Nutrition									
Analyte	Result	Limits	Units	LOQ	Batch	Analyze	Method	Notes	
Water Activity	0.388		Aw	0.030	2004240	05/20/20	AOAC 978.18	X	

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## Summary

### Microbiology:

*Less than LOQ for all analytes.*





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**Laboratory ID:** 20-004696-0003  
**Relinquished by:** Michael Mackay  
**Temp:** 27 °C

### Sample Results

#### Microbiology

Analyte	Result	Limits	Units	LOQ	Batch	Analyze	Method	Notes
E.coli	< LOQ		cfu/g	10	2004074	05/17/20	AOAC 991.14 (Petrifilm)	X
Total Coliforms	< LOQ		cfu/g	10	2004074	05/17/20	AOAC 991.14 (Petrifilm)	X
Mold (RAPID Petrifilm)	< LOQ		cfu/g	10	2004076	05/17/20	AOAC 2014.05 (RAPID)	X
Yeast (RAPID Petrifilm)	< LOQ		cfu/g	10	2004076	05/17/20	AOAC 2014.05 (RAPID)	X