



## CONSOLIDATED TEST RESULTS SUMMARY

Please see the following pages for full test results.

<b>DRYCP25</b>	<b>CB20</b>	<b>NR:</b> Not Reported <b>NA:</b> Not Available
<b>25MG DRY CAPSULES</b>	<b>SERVING SIZE: 1 CAPSULE</b>	<b>LOQ:</b> Limit Of Quantitation <b>LOD:</b> Limit Of Detection
<b>LABORATORY: COLUMBIA LABORATORIES</b>	<b>OREGON ACCREDITATION: OR100028</b>	1 g = 10 <sup>-3</sup> kg = 10 <sup>3</sup> mg = 10 <sup>6</sup> µg 1 mg/kg = 1 ppm = 1000 ppb

POTENCY	PER SERVING	PER GRAM	REGULATORY ACTION LEVEL
Cannabidiol (CBD)	26.76 mg/serving	92.6 mg/g	N/A
Total THC (d9-THC + d8-THC)	0.63 mg/serving	2.17 mg/g	3 mg/g
Cannabigerol (CBG)	0.25 mg/serving	0.848 mg/g	N/A
Cannabinol (CBN)	<LOQ mg/serving	<LOQ mg/g	N/A
Cannabichromene (CBC)	0.91 mg/serving	3.16 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
Farnesene	0.0509%
β-Caryophyllene	0.254%
Limonene	0.0208%

TERPENES	% OF SAMPLE
Caryophyllene Oxide	0.0385%
Humulene	0.0539%

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:** 20-001863/D02.R00  
**Report Date:** 02/26/2020  
**ORELAP#:** OR100028  
**Purchase Order:**  
**Received:** 02/18/20 11:00

**Customer:** Etz Hayim Holdings  
**Product identity:** CB20 DRYCP25  
**Client/Metric ID:** .  
**Laboratory ID:** 20-001863-0001

**Sample Date:** 02/12/20 14:00

### Summary

#### Potency:

Analyte per 1g	Result	Limits	Units	Status	
CBC per 1g†	3.16		mg/1g		CBD-Total per 1g 92.6 mg/1g
CBD per 1g	92.6		mg/1g		
CBDV per 1g†	0.559		mg/1g		THC-Total per 1g 2.17 mg/1g
CBG per 1g†	0.848		mg/1g		
CBL per 1g†	0.0963		mg/1g		
Δ9-THC per 1g	2.17		mg/1g		
THCV per 1g†	0.0638		mg/1g		(Reported in milligrams per serving)



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**Customer:** Etz Hayim Holdings

**Product identity:** CB20 DRYCP25

**Client/Metric ID:** .

**Sample Date:** 02/12/20 14:00

**Laboratory ID:** 20-001863-0001

**Relinquished by:** Brian Ramos

**Temp:** 21.8 °C

**Serving Size #1:** 1 g

## Sample Results

Potency per 1g		Batch: 2001632					
Analyte	Result	Limits	Units	LOQ	Analyze	Method	Notes
CBC per 1g†	3.16		mg/1g	0.0333	02/25/20	J AOAC 2015 V98-6	
CBC-A per 1g†	< LOQ		mg/1g	0.0333	02/25/20	J AOAC 2015 V98-6	
CBC-Total per 1g†	3.16		mg/1g	0.0626	02/25/20	J AOAC 2015 V98-6	
CBD per 1g	92.6		mg/1g	0.0333	02/25/20	J AOAC 2015 V98-6	
CBD-A per 1g	< LOQ		mg/1g	0.0333	02/25/20	J AOAC 2015 V98-6	
CBD-Total per 1g	92.6		mg/1g	0.0626	02/25/20	J AOAC 2015 V98-6	
CBDV per 1g†	0.559		mg/1g	0.0333	02/25/20	J AOAC 2015 V98-6	
CBDV-A per 1g†	< LOQ		mg/1g	0.0333	02/25/20	J AOAC 2015 V98-6	
CBDV-Total per 1g†	0.559		mg/1g	0.0622	02/25/20	J AOAC 2015 V98-6	
CBG per 1g†	0.848		mg/1g	0.0333	02/25/20	J AOAC 2015 V98-6	
CBG-A per 1g†	< LOQ		mg/1g	0.0333	02/25/20	J AOAC 2015 V98-6	
CBG-Total per 1g†	0.848		mg/1g	0.0626	02/25/20	J AOAC 2015 V98-6	
CBL per 1g†	0.0963		mg/1g	0.0333	02/25/20	J AOAC 2015 V98-6	
CBN per 1g	< LOQ		mg/1g	0.0333	02/25/20	J AOAC 2015 V98-6	
Δ8-THC per 1g†	< LOQ		mg/1g	0.0333	02/25/20	J AOAC 2015 V98-6	
Δ9-THC per 1g	2.17		mg/1g	0.0333	02/25/20	J AOAC 2015 V98-6	
THC-A per 1g	< LOQ		mg/1g	0.0333	02/25/20	J AOAC 2015 V98-6	
THC-Total per 1g	2.17		mg/1g	0.0626	02/25/20	J AOAC 2015 V98-6	
THCV per 1g†	0.0638		mg/1g	0.0333	02/25/20	J AOAC 2015 V98-6	
THCV-A per 1g†	< LOQ		mg/1g	0.0333	02/25/20	J AOAC 2015 V98-6	
THCV-Total per 1g†	0.0638		mg/1g	0.0622	02/25/20	J AOAC 2015 V98-6	



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**Report Number:** 20-001863/D03.R00  
**Report Date:** 03/05/2020  
**ORELAP#:** OR100028  
**Purchase Order:**  
**Received:** 02/18/20 11:00

**Customer:** Etz Hayim Holdings  
**Product identity:** CB20 DRYCP25  
**Client/Metric ID:** .  
**Laboratory ID:** 20-001863-0002

**Sample Date:** 02/12/20 14:00

### 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>	0.254	60.77%	Humulene <sup>†</sup>	0.0539	12.89%
farnesene <sup>†</sup>	0.0509	12.18%	(-)-caryophyllene oxide <sup>†</sup>	0.0385	9.21%
(R)-(+)-Limonene <sup>†</sup>	0.0208	4.98%	<b>Total Terpenes<sup>†</sup></b>	<b>0.418</b>	<b>100.00%</b>

#### Metals:

Less than LOQ for all analytes.



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**Purchase Order:**  
**Received:** 02/18/20 11:00

**Customer:** Etz Hayim Holdings

**Product identity:** CB20 DRYCP25

**Client/Metric ID:** .

**Sample Date:** 02/12/20 14:00

**Laboratory ID:** 20-001863-0002

**Relinquished by:** Brian Ramos

**Temp:** 21.8 °C

### Sample Results

Solvents					Method EPA5021A	Units µg/g	Batch 2001895	Analyze 02/28/20 08:49 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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**Report Number:** 20-001863/D03.R00  
**Report Date:** 03/05/2020  
**ORELAP#:** OR100028  
**Purchase Order:**  
**Received:** 02/18/20 11:00

Pesticides											
Method AOAC 2007.01 & EN 15662 (mod) Units mg/kg Batch 2001936 Analyze 02/29/20 10:02 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		Etozazole	< 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		Paclbutrazole	< 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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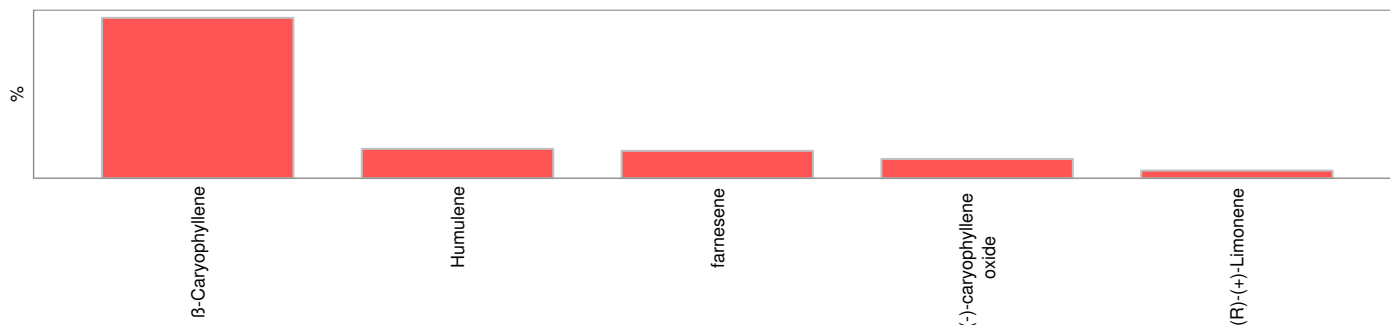


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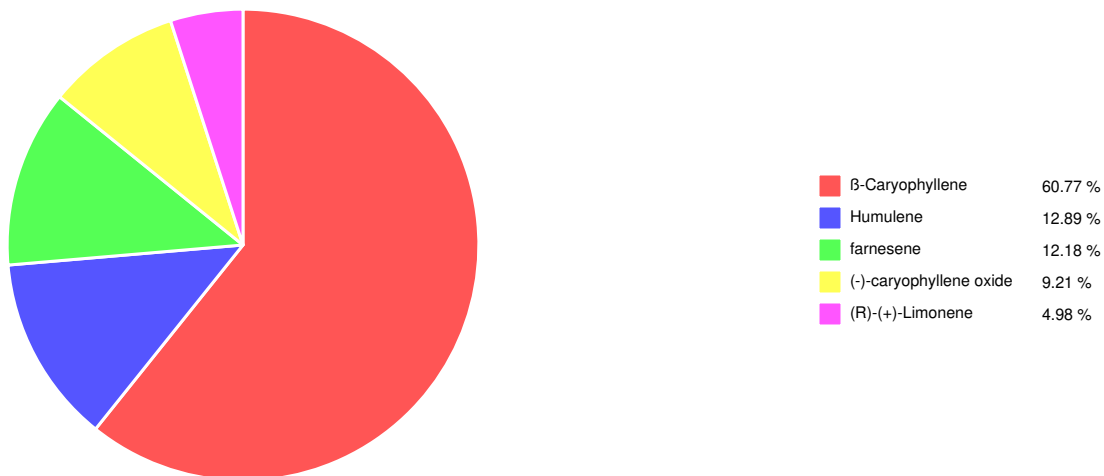


**Report Number:** 20-001863/D03.R00  
**Report Date:** 03/05/2020  
**ORELAP#:** OR100028  
**Purchase Order:**  
**Received:** 02/18/20 11:00

Terpenes				Method J AOAC 2015 V98-6	Units %	Batch 2001994	Analyze 03/03/20 11:20 AM		
Analyte	Result	LOQ	% of Total	Notes	Analyte	Result	LOQ	% of Total	Notes
β-Caryophyllene†	0.254	0.020	60.77%		Humulene†	0.0539	0.020	12.89%	
farnesene†	0.0509	0.020	12.18%		(-)-caryophyllene oxide†	0.0385	0.020	9.21%	
(R)-(+)-Limonene†	0.0208	0.020	4.98%		(-)-a-Terpeneol†	< 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%	
gamma-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>0.418</b>								



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**Metals**

Analyte	Result	Limits	Units	LOQ	Batch	Analyze	Method	Notes
Arsenic	< LOQ		mg/kg	0.0453	2002022	03/03/20	AOAC 2013.06 (mod.)	X
Cadmium	< LOQ		mg/kg	0.0453	2002022	03/03/20	AOAC 2013.06 (mod.)	X
Lead	< LOQ		mg/kg	0.0453	2002022	03/03/20	AOAC 2013.06 (mod.)	X
Mercury	< LOQ		mg/kg	0.0227	2002022	03/03/20	AOAC 2013.06 (mod.)	X

**Nutrition**

Analyte	Result	Limits	Units	LOQ	Batch	Analyze	Method	Notes
Water Activity	0.345		Aw	0.030	2001980	03/02/20	AOAC 978.18	X





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**Report Number:** 20-001863/D04.R00  
**Report Date:** 03/05/2020  
**ORELAP#:** OR100028  
**Purchase Order:**  
**Received:** 02/18/20 11:00

**Customer:** Etz Hayim Holdings  
**Product identity:** CB20 DRYCP25  
**Client/Metric ID:** .  
**Laboratory ID:** 20-001863-0003

**Sample Date:** 02/12/20 14:00

### Summary

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**Microbiology:**

Less than LOQ for all analytes.



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**Report Number:** 20-001863/D04.R00  
**Report Date:** 03/05/2020  
**ORELAP#:** OR100028  
**Purchase Order:**  
**Received:** 02/18/20 11:00

**Customer:** Etz Hayim Holdings

**Product identity:** CB20 DRYCP25

**Client/Metric ID:** .

**Sample Date:** 02/12/20 14:00

**Laboratory ID:** 20-001863-0003

**Relinquished by:** Brian Ramos

**Temp:** 21.8 °C

### Sample Results

Microbiology								
Analyte	Result	Limits	Units	LOQ	Batch	Analyze	Method	Notes
E.coli	< LOQ		cfu/g	10	2001938	03/03/20	AOAC 991.14 (Petrifilm)	X
Total Coliforms	< LOQ		cfu/g	10	2001938	03/03/20	AOAC 991.14 (Petrifilm)	X
Mold (RAPID Petrifilm)	< LOQ		cfu/g	10	2001939	03/03/20	AOAC 2014.05 (RAPID)	X
Yeast (RAPID Petrifilm)	< LOQ		cfu/g	10	2001939	03/03/20	AOAC 2014.05 (RAPID)	X