



## CONSOLIDATED TEST RESULTS SUMMARY

Please see the following pages for full test results.

<b>DRYCP25</b>	<b>BJ17</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)	27.20 mg/serving	94.1 mg/g	N/A
Total THC (d9-THC + d8-THC)	0.71 mg/serving	2.46 mg/g	3 mg/g
Cannabigerol (CBG)	0.50 mg/serving	1.74 mg/g	N/A
Cannabinol (CBN)	0.04 mg/serving	0.132 mg/g	N/A
Cannabichromene (CBC)	0.90 mg/serving	3.12 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	0.02 µg/serving	0.0606 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
Limonene	0.0340%
β-Caryophyllene	0.0350%

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



**Job Number:** 19-012148  
**Report Number:** 19-012148-00  
**Report Date:** 10/10/2019  
**ORELAP#:** OR100028  
**Purchase Order:**  
**Received:** 10/04/19 15:10

**Product identity:** BJ17 DRYCP25 Top  
**Laboratory ID:** 19-012148-0001

**Client/Metric ID:** .  
**Sample Date:**

### Summary

**Potency:**

Analyte per 1g	Result	Limits	Units	Status	
CBC per 1g <sup>†</sup>	3.12		mg/1g		CBD-Total per 1g 94.1 mg/1g
CBD per 1g	94.1		mg/1g		
CBDV per 1g <sup>†</sup>	0.531		mg/1g		THC-Total per 1g 2.46 mg/1g
CBG per 1g <sup>†</sup>	1.74		mg/1g		(Reported in milligrams per serving)
CBN per 1g	0.132		mg/1g		
Δ9-THC per 1g	2.46		mg/1g		
THCV per 1g <sup>†</sup>	0.0538		mg/1g		

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**Customer:** Etz Hayim Holdings  
**Product identity:** BJ17 DRYCP25 Top  
**Client/Metric ID:** .  
**Sample Date:**  
**Laboratory ID:** 19-012148-0001  
**Relinquished by:** ETZHH INC  
**Temp:** 24.8 °C  
**Serving Size #1:** 1 g

### Sample Results

Potency per 1g		Batch: 1909112					
Analyte	Result	Limits	Units	LOQ	Analyze	Method	Notes
CBC per 1g <sup>†</sup>	3.12		mg/1g	0.0333	10/10/19	J AOAC 2015 V98-6	
CBC-A per 1g <sup>†</sup>	< LOQ		mg/1g	0.0333	10/10/19	J AOAC 2015 V98-6	
CBC-Total per 1g <sup>†</sup>	3.12		mg/1g	0.0626	10/10/19	J AOAC 2015 V98-6	
CBD per 1g	94.1		mg/1g	0.0333	10/10/19	J AOAC 2015 V98-6	
CBD-A per 1g	< LOQ		mg/1g	0.0333	10/10/19	J AOAC 2015 V98-6	
CBD-Total per 1g	94.1		mg/1g	0.0626	10/10/19	J AOAC 2015 V98-6	
CBDV per 1g <sup>†</sup>	0.531		mg/1g	0.0333	10/10/19	J AOAC 2015 V98-6	
CBDV-A per 1g <sup>†</sup>	< LOQ		mg/1g	0.0333	10/10/19	J AOAC 2015 V98-6	
CBDV-Total per 1g <sup>†</sup>	0.531		mg/1g	0.0622	10/10/19	J AOAC 2015 V98-6	
CBG per 1g <sup>†</sup>	1.74		mg/1g	0.0333	10/10/19	J AOAC 2015 V98-6	
CBG-A per 1g <sup>†</sup>	< LOQ		mg/1g	0.0333	10/10/19	J AOAC 2015 V98-6	
CBG-Total per 1g <sup>†</sup>	1.74		mg/1g	0.0626	10/10/19	J AOAC 2015 V98-6	
CBL per 1g <sup>†</sup>	< LOQ		mg/1g	0.0333	10/10/19	J AOAC 2015 V98-6	
CBN per 1g	0.132		mg/1g	0.0333	10/10/19	J AOAC 2015 V98-6	
Δ8-THC per 1g <sup>†</sup>	< LOQ		mg/1g	0.0333	10/10/19	J AOAC 2015 V98-6	
Δ9-THC per 1g	2.46		mg/1g	0.0333	10/10/19	J AOAC 2015 V98-6	
THC-A per 1g	< LOQ		mg/1g	0.0333	10/10/19	J AOAC 2015 V98-6	
THC-Total per 1g	2.46		mg/1g	0.0626	10/10/19	J AOAC 2015 V98-6	
THCV per 1g <sup>†</sup>	0.0538		mg/1g	0.0333	10/10/19	J AOAC 2015 V98-6	
THCV-A per 1g <sup>†</sup>	< LOQ		mg/1g	0.0333	10/10/19	J AOAC 2015 V98-6	
THCV-Total per 1g <sup>†</sup>	< LOQ		mg/1g	0.0622	10/10/19	J AOAC 2015 V98-6	

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12423 NE Whitaker Way  
Portland, OR 97230  
503-254-1794



**Job Number:** 19-012148  
**Report Number:** 19-012148-00  
**Report Date:** 10/22/2019  
**ORELAP#:** OR100028  
**Purchase Order:**  
**Received:** 10/04/19 15:10

**Product identity:** BJ17 DRYCP25  
**Laboratory ID:** 19-012148-0009

**Client/Metric ID:** .  
**Sample Date:**

### Summary

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**Metals:**

Analyte	Result	Limits
Lead	0.0606	

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Testing in accordance with:



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503-254-1794



**Job Number:** 19-012148  
**Report Number:** 19-012148-00  
**Report Date:** 10/22/2019  
**ORELAP#:** OR100028  
**Purchase Order:**  
**Received:** 10/04/19 15:10

**Customer:** Etz Hayim Holdings

**Product identity:** BJ17 DRYCP25

**Client/Metric ID:** .

**Sample Date:**

**Laboratory ID:** 19-012148-0009

**Relinquished by:** ETZHH INC

**Temp:** 24.8 °C

### Sample Results

Metals								
Analyte	Result	Limits	Units	LOQ	Batch	Analyze	Method	Notes
Arsenic	< LOQ		mg/kg	0.0488	1909472	10/18/19	AOAC 2013.06 (mod.)	X
Cadmium	< LOQ		mg/kg	0.0488	1909472	10/18/19	AOAC 2013.06 (mod.)	X
Lead	0.0606		mg/kg	0.0490	1909570	10/22/19	AOAC 2013.06 (mod.)	X
Mercury	< LOQ		mg/kg	0.0244	1909472	10/18/19	AOAC 2013.06 (mod.)	X

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**Job Number:** 19-012148  
**Report Number:** 19-012148-00  
**Report Date:** 10/18/2019  
**ORELAP#:** OR100028  
**Purchase Order:**  
**Received:** 10/04/19 15:10

**Product identity:** BJ17 DRYCP25  
**Laboratory ID:** 19-012148-0004

**Client/Metric ID:** .  
**Sample Date:**

### Summary

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**Pesticides:**

*All analytes passing and less than LOQ.*

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**Customer:** Etz Hayim Holdings

**Product identity:** BJ17 DRYCP25

**Client/Metric ID:** .

**Sample Date:**

**Laboratory ID:** 19-012148-0004

**Relinquished by:** ETZHH INC

**Temp:** 24.8 °C

### Sample Results

Pesticides		Method AOAC 2007.01 & EN 15662 (mod)				Units mg/kg	Batch 1909289	Analyze 10/15/19 08:55 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	0.100	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 (incl.	< 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	0.100	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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**Job Number:** 19-012148  
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**Report Date:** 10/18/2019  
**ORELAP#:** OR100028  
**Purchase Order:**  
**Received:** 10/04/19 15:10

**Product identity:** BJ17 DRYCP25  
**Laboratory ID:** 19-012148-0005

**Client/Metric ID:** .  
**Sample Date:**

### Summary

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**Residual Solvents:**

*All analytes passing and less than LOQ.*

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**Customer:** Etz Hayim Holdings

**Product identity:** BJ17 DRYCP25

**Client/Metric ID:** .

**Sample Date:**

**Laboratory ID:** 19-012148-0005

**Relinquished by:** ETZHH INC

**Temp:** 24.8 °C

### Sample Results

Solvents		Method EPA5021A				Units µg/g	Batch 1909173	Analyze 10/11/19 12:20 PM			
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		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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**ORELAP#:** OR100028  
**Purchase Order:**  
**Received:** 10/04/19 15:10

**Product identity:** BJ17 DRYCP25  
**Laboratory ID:** 19-012148-0008

**Client/Metric ID:** .  
**Sample Date:**

### Summary

-----  
**Microbiology:**

Less than LOQ for all analytes.

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**Purchase Order:**  
**Received:** 10/04/19 15:10

**Customer:** Etz Hayim Holdings

**Product identity:** BJ17 DRYCP25

**Client/Metric ID:** .

**Sample Date:**

**Laboratory ID:** 19-012148-0008

**Relinquished by:** ETZHH INC

**Temp:** 24.8 °C

### Sample Results

Microbiology								
Analyte	Result	Limits	Units	LOQ	Batch	Analyze	Method	Notes
E.coli	< LOQ		cfu/g	10	1909197	10/14/19	AOAC 991.14 (Petrifilm)	X
Total Coliforms	< LOQ		cfu/g	10	1909197	10/14/19	AOAC 991.14 (Petrifilm)	X
Mold (RAPID Petrifilm)	< LOQ		cfu/g	10	1909198	10/14/19	AOAC 2014.05 (RAPID)	X
Yeast (RAPID Petrifilm)	< LOQ		cfu/g	10	1909198	10/14/19	AOAC 2014.05 (RAPID)	X

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**Report Date:** 10/18/2019  
**ORELAP#:** OR100028  
**Purchase Order:**  
**Received:** 10/04/19 15:10

**Customer:** Etz Hayim Holdings

**Product identity:** BJ17 DRYCP25

**Client/Metric ID:** .

**Sample Date:**

**Laboratory ID:** 19-012148-0006

**Relinquished by:** ETZHH INC

**Temp:** 24.8 °C

### Sample Results

Nutrition								
Analyte	Result	Limits	Units	LOQ	Batch	Analyze	Method	Notes
Water Activity	0.307		Aw	0.030	1909253	10/11/19	AOAC 978.18	X

This report cannot be used for ODA, OHA or OLCC compliance requirements.

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**Report Date:** 10/18/2019  
**ORELAP#:** OR100028  
**Purchase Order:**  
**Received:** 10/04/19 15:10

**Product identity:** BJ17 DRYCP25  
**Laboratory ID:** 19-012148-0007

**Client/Metric ID:** .  
**Sample Date:**

### Summary

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**Terpenes:**

Analyte	Percent by weight	Percent of Total	Analyte	Percent by weight	Percent of Total
$\beta$ -Caryophyllene <sup>†</sup>	0.0350	50.72%	(R)-(+)-Limonene <sup>†</sup>	0.0340	49.28%
<b>Total Terpenes<sup>†</sup></b>	<b>0.0690</b>	<b>100.00%</b>			

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Testing in accordance with:



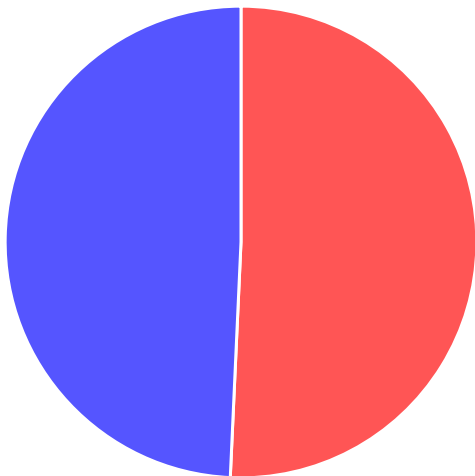
Terpenes				Method J AOAC 2015 V98-6	Units %	Batch 1909209	Analyze 10/11/19 12:37 PM		
Analyte	Result	LOQ	% of Total	Notes	Analyte	Result	LOQ	% of Total	Notes
β-Caryophyllene <sup>†</sup>	0.0350	0.020	50.72%		(R)-(+)-Limonene <sup>†</sup>	0.0340	0.020	49.28%	
β-Myrcene <sup>†</sup>	< LOQ	0.020	0.00%		(-)-α-Terpineol <sup>†</sup>	< LOQ	0.020	0.00%	
(-)-caryophyllene oxide <sup>†</sup>	< LOQ	0.020	0.00%		(-)-Guaial <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%	
a-Bisabolol <sup>†</sup>	< LOQ	0.020	0.00%		a-cedrene <sup>†</sup>	< LOQ	0.020	0.00%	
a-phellandrene <sup>†</sup>	< LOQ	0.020	0.00%		a-pinene <sup>†</sup>	< LOQ	0.020	0.00%	
a-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%		farnesene <sup>†</sup>	< LOQ	0.020	0.00%	
gamma-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%		Humulene <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%		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>0.0690</b>								



Test results relate only to the parameters tested and to the samples as received by the laboratory. Test results meet all requirements of NELAP and the Pixis quality assurance plan unless otherwise noted. This report shall not be reproduced, except in full, without the written consent of this laboratory. Samples will be kept a maximum of 15 days from the report date unless prior arrangements have been made.



**Job Number:** 19-012148  
**Report Number:** 19-012148-00  
**Report Date:** 10/18/2019  
**ORELAP#:** OR100028  
**Purchase Order:**  
**Received:** 10/04/19 15:10



■  $\beta$ -Caryophyllene 50.72 %  
■ (R)-(+)-Limonene 49.28 %

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Testing in accordance with: