

# Report: Evaluation Summary

OLCC License No. 10087092BDA | ORELAP ID. 4147

545 SW 2nd Street, Corvallis OR. 97333 | 541.257.5002 | services@preelab.com | Preelab.com

## Product Description

Client: **IHP LLC dba HEMPZOTICS**

Product Name: **KUSHMINTZ Live Resin**

Matrix: Concentrate

Metrc Source ID: n/a

Metrc Package ID: n/a

License Number: n/a

Report ID: A1077-04

Date Collected: 2019-12-27

Date Received: 2019-12-27

Report Date: 2020-01-06

Tests Requested: Cannabinoid Potency Analysis  
Terpene Analysis

Notes: No special conditions were noted during the processing and testing of the sample.

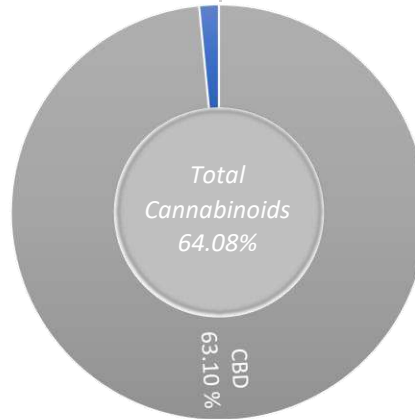
## Evaluation Summary

Moisture Analysis | Test Not Requested/Required

### Cannabinoid Potency Analysis

**Total THC \***  
**0.00 %**  
**0.0 mg/g**

**Total CBD \***  
**63.96 %**  
**639.6 mg/g**



Abrv.	Dry Wt. %	Dry Wt. mg/g
THCA	< LOQ	< LOQ
Δ-9-THC	< LOQ	< LOQ
CBDA	0.98 %	9.8 mg/g
CBD	63.10 %	631.0 mg/g
CBDVA	< LOQ	< LOQ
CBDV	< LOQ	< LOQ
CBGA	< LOQ	< LOQ
CBG	< LOQ	< LOQ
CBN	< LOQ	< LOQ
CBL	< LOQ	< LOQ
CBC	< LOQ	< LOQ
Δ-8-THC	< LOQ	< LOQ
THCV	< LOQ	< LOQ

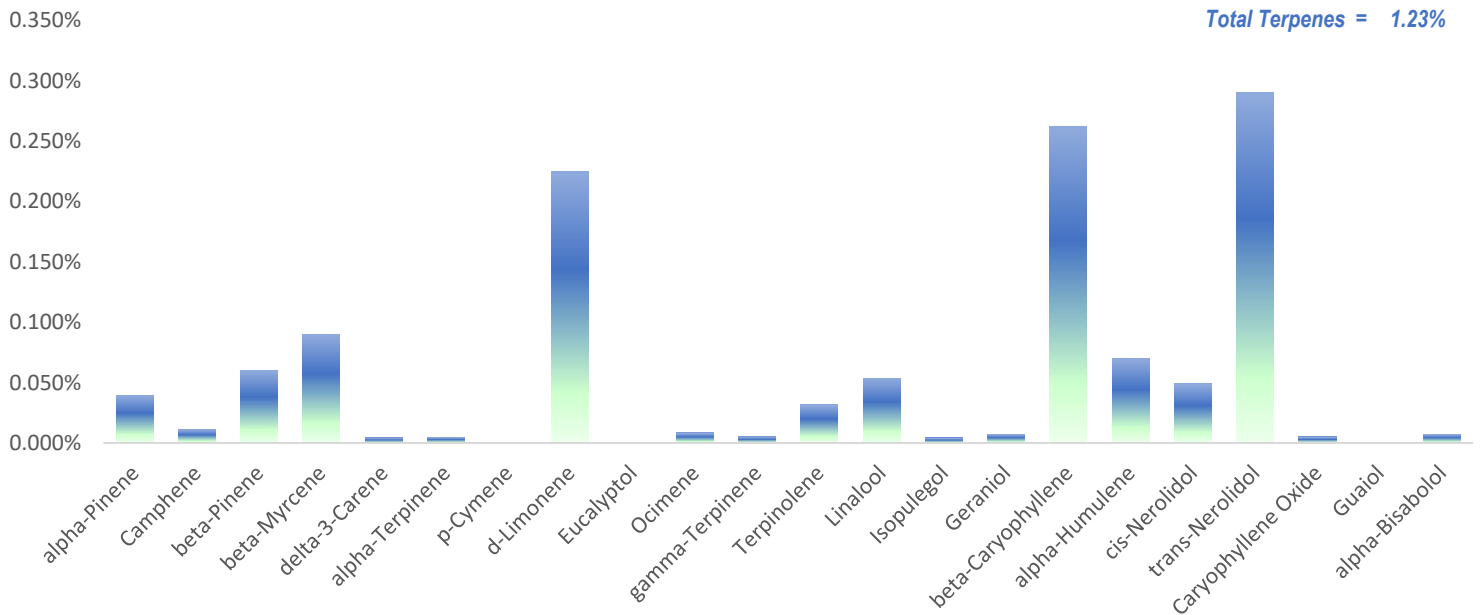
\* moisture compensated & adjusted for the loss of carboxylic acid group - OAR 333-064-0100

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Product Description		Evaluation Summary				
Client:	IHP LLC dba HEMPZOTICS	Terpene Analysis	Compound	Dry Wt. %	Compound	Dry Wt. %
Product Name:	KUSHMINTZ Live Resin		alpha-Pinene	0.040%	Terpinolene	0.032%
Matrix:	Concentrate		Camphene	0.011%	Linalool	0.054%
Metrc ID:	n/a		beta-Pinene	0.060%	Isopulegol	0.004%
Lot Number:	n/a		beta-Myrcene	0.090%	Geraniol	0.007%
License Number:	0		delta-3-Carene	0.004%	beta-Caryophyllene	0.262%
Date Collected:	2019-12-27		alpha-Terpinene	0.005%	alpha-Humulene	0.070%
Date Received:	2019-12-27		p-Cymene	0.000%	cis-Nerolidol	0.049%
Report Date:	2020-01-06		d-Limonene	0.225%	trans-Nerolidol	0.290%
			Eucalyptol	0.000%	Caryophyllene Oxide	0.005%
			Ocimene	0.008%	Guaiol	0.000%
			gamma-Terpinene	0.005%	alpha-Bisabolol	0.007%



**KUSHMINTZ has the highest concentration of the following terpene(s)...**

**trans-Nerolidol**

Nerolidol has a fresh bark or woody aroma. It can be found in jasmine, ginger, lavender, tea tree and lemon grass.



**beta-Caryophyllene**

Caryophyllene can be found at high concentrations in black pepper, cloves, and cinnamon. It has a spicy/peppery aroma.



**d-Limonene**

Found in lemon and orange peels. Limonene is characterized for having a lemon like aroma.



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<b>Moisture Analysis</b>	<b>Evaluation Detail</b>					
	Moisture Analysis		Test Not Requested/Required			
<b>Cannabinoid Potency Analysis</b>	<b>Evaluation Detail</b>					
Product Name: <b>KUSHMINTZ Live Resin</b>	Cannabinoid Potency Analysis		Compound	Abrv.	Dry Wt. (%)	Dry Wt. RL (%)
Analysis Date: #N/A	<b>Total THC *</b>	Tetrahydro-cannabinolic acid	THCA	< LOQ	< LOQ	0.5 %
	<b>0.00 %</b>	Delta9 Tetrahydro-cannabinol	Δ-9-THC	< LOQ	< LOQ	0.5 %
	<b>0.0 mg/g</b>	Cannabidiolic acid	CBDA	0.98 %	9.8	0.5 %
		Cannabidiol	CBD	63.10 %	631.0	0.5 %
	<b>Total CBD *</b>	Cannabidivarinic Acid	CBDVA	< LOQ	< LOQ	0.5 %
	<b>63.96 %</b>	Cannabidivarin	CBDV	< LOQ	< LOQ	0.5 %
	<b>639.6 mg/g</b>	Cannabigerolic acid	CBGA	< LOQ	< LOQ	0.5 %
		Cannabigerol	CBG	< LOQ	< LOQ	0.5 %
		Cannabinol	CBN	< LOQ	< LOQ	0.5 %
		Cannabicyclol	CBL	< LOQ	< LOQ	0.5 %
		Cannabichromene	CBC	< LOQ	< LOQ	0.5 %
		Delta8 Tetrahydro-cannabinol	Δ-8-THC	< LOQ	< LOQ	0.5 %
		Tetrahydrocannabivarin	THCV	< LOQ	< LOQ	0.5 %

\* moisture compensated & adjusted for the loss of carboxylic acid group - OAR 333-064-0100

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## Terpene Analysis

Product Name: **KUSHMINTZ Live Resin**

Analysis Date: 2020-12-29

## Evaluation Detail

Terpene Analysis	Compound	Dry Wt. %	Dry Wt. (mg/g)	RL %
	alpha-Pinene	0.040%	0.396	0.002%
	Camphene	0.011%	0.112	0.002%
	beta-Pinene	0.060%	0.601	0.002%
	beta-Myrcene	0.090%	0.901	0.002%
	delta-3-Carene	0.004%	0.044	0.002%
	alpha-Terpinene	0.005%	0.048	0.002%
	p-Cymene	0.000%	0.000	0.002%
	d-Limonene	0.225%	2.248	0.002%
	Eucalyptol	0.000%	0.000	0.002%
	Ocimene	0.008%	0.084	0.002%
	gamma-Terpinene	0.005%	0.053	0.002%
	Terpinolene	0.032%	0.316	0.002%
	Linalool	0.054%	0.537	0.002%
	Isopulegol	0.004%	0.043	0.002%
	Geraniol	0.007%	0.074	0.002%
	beta-Caryophyllene	0.262%	2.623	0.002%
	alpha-Humulene	0.070%	0.697	0.002%
	cis-Nerolidol	0.049%	0.489	0.002%
	trans-Nerolidol	0.290%	2.904	0.002%
	Caryophyllene Oxide	0.005%	0.051	0.002%
	Guaiol	0.000%	0.000	0.002%
	alpha-Bisabolol	0.007%	0.074	0.002%
	<b>Total Terpenes</b>	<b>1.23%</b>	<b>12.294 mg/g</b>	

# Report: Quality Check



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<b>Moisture Analysis</b>	<b>Quality Control Detail</b>					
	Moisture Analysis					
<b>Cannabinoid Potency Analysis</b>	<b>Quality Control Detail</b>					
Analysis Date: #N/A	Cannabinoid Potency Analysis	Negative Control (P-BL)	Positive Control (LCS)	Expected Value (%)	Tested Value (%)	Pass Criteria
	Tetrahydro-cannabinolic acid	○		< 0.1%	< 0.1%	< 0.1%
	Delta9 Tetrahydro-cannabinol	○		< 0.1%	< 0.1%	< 0.1%
	Cannabidiolic acid	○		< 0.1%	< 0.1%	< 0.1%
	Cannabidiol	○		< 0.1%	< 0.1%	< 0.1%
	Cannabinol	○		< 0.1%	< 0.1%	< 0.1%
	Tetrahydro-cannabinolic acid		●	100.0%	91.3%	80%-120%
	Delta9 Tetrahydro-cannabinol		●	100.0%	93.4%	80%-120%
	Cannabidiolic acid		●	100.0%	87.5%	80%-120%
	Cannabidiol		●	100.0%	86.2%	80%-120%
	Cannabinol		●	100.0%	84.7%	80%-120%

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## Terpene Analysis

Analysis Date: 2020-12-29

## Quality Control Detail

Terpene Analysis	Negative Control	Expected Value (%)	Tested Value (%)	Pass Criteria
alpha-Pinene	o	0.000%	0.000%	< 0.010%
Camphene	o	0.000%	0.000%	< 0.010%
beta-Pinene	o	0.000%	0.000%	< 0.010%
beta-Myrcene	o	0.000%	0.000%	< 0.010%
delta-3-Carene	o	0.000%	0.000%	< 0.010%
alpha-Terpinene	o	0.000%	0.000%	< 0.010%
p-Cymene	o	0.000%	0.000%	< 0.010%
d-Limonene	o	0.000%	0.000%	< 0.010%
Eucalyptol	o	0.000%	0.000%	< 0.010%
Ocimene	o	0.000%	0.000%	< 0.010%
gamma-Terpinene	o	0.000%	0.000%	< 0.010%
Terpinolene	o	0.000%	0.000%	< 0.010%
Linalool	o	0.000%	0.000%	< 0.010%
Isopulegol	o	0.000%	0.000%	< 0.010%
Geraniol	o	0.000%	0.000%	< 0.010%
beta-Caryophyllene	o	0.000%	0.000%	< 0.010%
alpha-Humulene	o	0.000%	0.000%	< 0.010%
cis-Nerolidol	o	0.000%	0.000%	< 0.010%
trans-Nerolidol	o	0.000%	0.000%	< 0.010%
Caryophyllene Oxide	o	0.000%	0.000%	< 0.010%
Guaiol	o	0.000%	0.000%	< 0.010%
alpha-Bisabolol	o	0.000%	0.000%	< 0.010%