



### Supreme OG Indoor Light Dep

Sample ID: G9J0680-01

Matrix: Industrial Hemp

Test ID: 1011655

Source ID:

Date Sampled: 10/29/19

Date Accepted: 10/29/19

**Arete Hemp LLC**

### Potency Analysis

Date/Time Extracted: 10/30/19 12:17

Analysis Method/SOP: 215

Batch Identification: 1944038

	LOQ (%)	% by Wt.	mg/g	Cannabinoids Profile
Total THC	0.0097	0.5639	5.639	
Total CBD	0.0088	11.73	117.3	
THCA	0.0031	0.5585	5.585	
delta 9-THC	0.0097	0.0742	0.742	
delta 8-THC	0.0048	< LOQ	< LOQ	
Exo-THC	0.0044	< LOQ	< LOQ	
THCV	0.0054	< LOQ	< LOQ	
THCVA	0.0020	< LOQ	< LOQ	
CBD	0.0066	0.6917	6.917	
CBDA	0.0088	12.59	125.9	
CBDV	0.0053	< LOQ	< LOQ	
CBDVA	0.0017	0.0291	0.291	
CBN	0.0032	< LOQ	< LOQ	
CBG	0.0008	0.0080	0.08	
CBGA	0.0008	< LOQ	< LOQ	
CBC	0.0096	0.1231	1.231	

Cannabinoid	Value
THCA	0.6
delta 9-THC	0.1
CBDA	12.6
CBD	0.7
CBC	0.1
CBDVA	0.0
Total	14.1

### Moisture

Date/Time Extracted: 10/30/19 15:32

Analysis Method/SOP: 103

Moisture: 6.14 %

Potency Results are reported on a dry weight basis.

Total THC = delta 9-THC + (THCA \* 0.877)

Total CBD = CBD + (CBDA \* 0.877)

For Potency only delta 9-THC, THCA, CBD, CBDA are ORELAP accredited analytes.

Water Activity Action Level is 0.65. Results above 0.65 fail state testing requirements and will be highlighted Red.

Russell Kuhfeld  
Quality Officer - 11/4/2019



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### Terpene Analysis

Date/Time Extracted: 10/30/19 12:17

Analysis Method/SOP: 204

Monoterpenes	%	mg/g	Monoterpenes	%	mg/g
Camphene	< LOQ	< LOQ	Camphor	< LOQ	< LOQ
3-Carene	< LOQ	< LOQ	alpha-Cedrene	< LOQ	< LOQ
Cedrol	< LOQ	< LOQ	Endo-fenchyl alcohol	0.02332	0.2332
Eucalyptol	0.007052	0.07052	Fenchone	< LOQ	< LOQ
Geraniol	< LOQ	< LOQ	Geranyl acetate	< LOQ	< LOQ
Hexahydrothymol	< LOQ	< LOQ	Isoborneol	< LOQ	< LOQ
Isopulegol	< LOQ	< LOQ	Limonene	0.1292	1.292
Linalool	0.04883	0.4883	p-Mentha-1,5-diene	< LOQ	< LOQ
beta-Myrcene	0.1647	1.647	Ocimene	< LOQ	< LOQ
alpha-Pinene	0.01132	0.1132	beta-Pinene	0.01574	0.1574
Pulegone	< LOQ	< LOQ	Sabinene	< LOQ	< LOQ
Sabinene hydrate	< LOQ	< LOQ	gamma-Terpinene	< LOQ	< LOQ
alpha-Terpinene	< LOQ	< LOQ	Terpineol	0.03437	0.3437
Terpinolene	< LOQ	< LOQ	B Y-Terpineol	< LOQ	< LOQ
Nerol	< LOQ	< LOQ	A-Terpineol	0.03437	0.3437
Borneol	< LOQ	< LOQ	Ocimene isomer II	< LOQ	< LOQ
Ocimene isomer I	< LOQ	< LOQ			
Sesquiterpenes	%	mg/g	Sesquiterpenes	%	mg/g
alpha-Bisabolol	0.08333	0.8333	beta-Caryophyllene	0.2768	2.768
Caryophyllene Oxide	0.02909	0.2909	Guaiol	0.01082	0.1082
alpha-Humulene	0.06107	0.6107	trans-Nerolidol	< LOQ	< LOQ
Valencene	< LOQ	< LOQ	cis-Nerolidol	0.3143	3.143
<b>Total Terpenes</b>	<b>1.210</b>	<b>12.1</b>			

<LOQ - Results below the Limit of Quantitation - Terpenes profile/analysis are not accredited to ORELAP TNI 2009 Quality Standards.

*Russell Kuhfeld*

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Quality Officer - 11/4/2019



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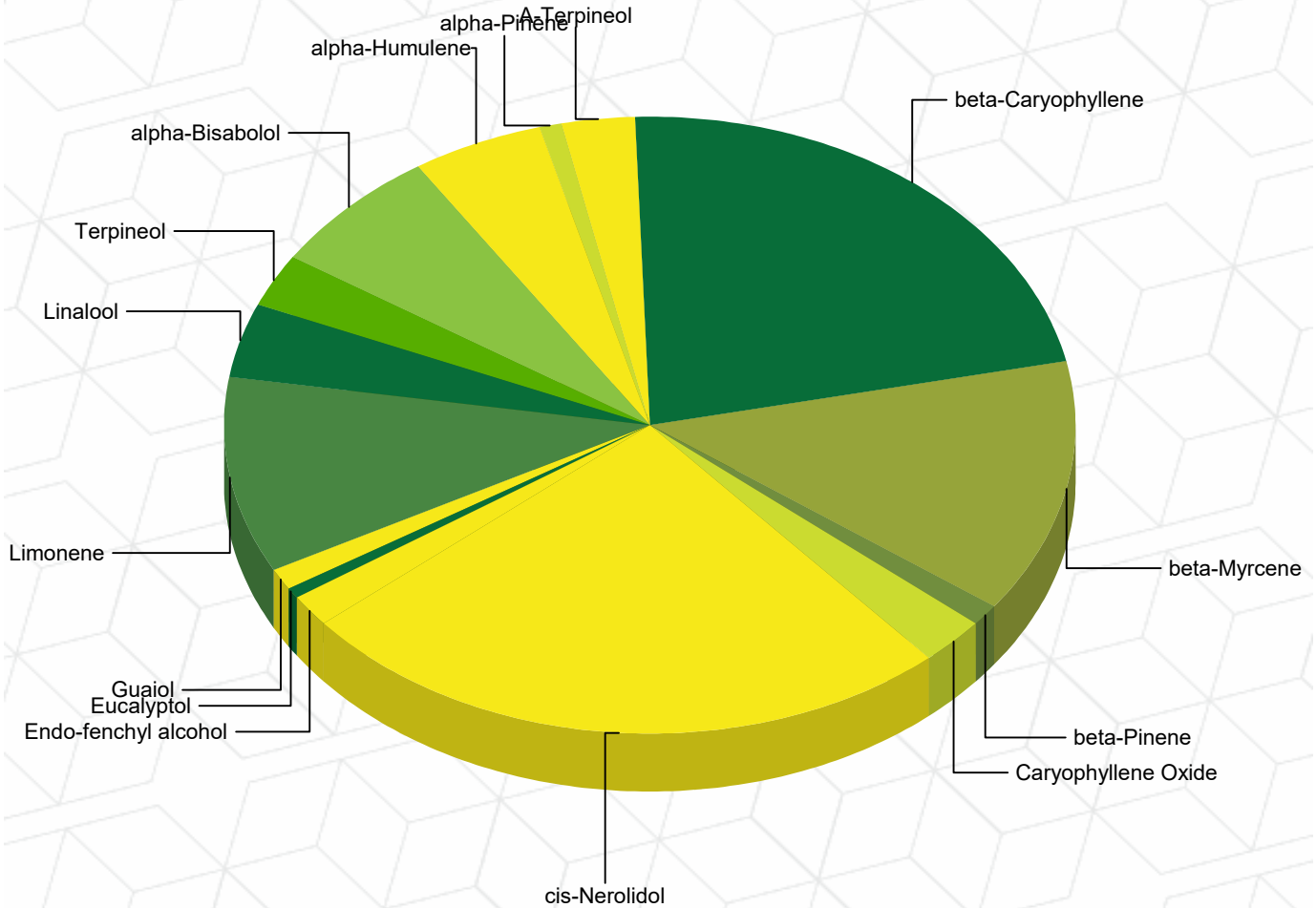
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*Arete Hemp LLC*

### Terpene Profile



### Percentage of Total Terpenes Identified

*Russell Kuhfeld*

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Quality Officer - 11/4/2019