



Arete Cherry Cobbler Wax

Sample ID: G9L0305-02

Matrix: Extracts & Concentrates

Test ID: 1005464

Source ID:

Date Sampled: 12/13/19

Date Accepted: 12/13/19

Arete Hemp LLC

Potency Analysis

Date/Time Extracted: 12/16/19 15:39

Analysis Method/SOP: 215

Batch Identification: 1951018

Cannabinoids	LOQ (%)	% by Wt.	mg/g	Cannabinoids Profile
Total THC	0.1577	1.095	10.95	<p>69.6</p> <p>0.2</p> <p>1.2</p> <p>1.2</p> <p>72.3</p> <p>THCA 1.2 CBDA 69.6 CBD 0.2 CBDVA 1.2 Total: 72.3</p>
Total CBD	0.0431	61.26	612.6	
THCA	0.0607	1.248	12.48	
delta 9-THC	0.1577	< LOQ	< LOQ	
delta 8-THC	0.0934	< LOQ	< LOQ	
Exo-THC	0.0217	< LOQ	< LOQ	
THCV	0.1052	< LOQ	< LOQ	
THCVA	0.0392	< LOQ	< LOQ	
CBD	0.0324	0.2423	2.423	
CBDA	0.0431	69.57	695.7	
CBDV	0.1040	< LOQ	< LOQ	
CBDVA	0.0341	1.191	11.91	
CBN	0.0622	< LOQ	< LOQ	
CBG	0.0164	< LOQ	< LOQ	
CBGA	0.0164	< LOQ	< LOQ	
CBC	0.1864	< LOQ	< LOQ	
Total Cannabinoids		72.25	722.5	

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.

Eric Wendt
Chief Science Officer - 12/21/2019



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Terpene Analysis

Date/Time Extracted: 12/16/19 15:39

Analysis Method/SOP: 204

Monoterpenes	%	mg/g	Monoterpenes	%	mg/g
Camphene	0.1233	1.233	Camphor	< LOQ	< LOQ
3-Carene	< LOQ	< LOQ	alpha-Cedrene	< LOQ	< LOQ
Cedrol	< LOQ	< LOQ	Endo-fenchyl alcohol	0.1374	1.374
Eucalyptol	< LOQ	< LOQ	Fenchone	< LOQ	< LOQ
Geraniol	< LOQ	< LOQ	Geranyl acetate	< LOQ	< LOQ
Hexahydrothymol	< LOQ	< LOQ	Isoborneol	< LOQ	< LOQ
Isopulegol	< LOQ	< LOQ	Limonene	0.8097	8.097
Linalool	0.1059	1.059	p-Mentha-1,5-diene	< LOQ	< LOQ
beta-Myrcene	7.287	72.87	Ocimene	0.7488	7.488
alpha-Pinene	0.2206	2.206	beta-Pinene	0.1262	1.262
Pulegone	< LOQ	< LOQ	Sabinene	< LOQ	< LOQ
Sabinene hydrate	< LOQ	< LOQ	gamma-Terpinene	< LOQ	< LOQ
alpha-Terpinene	< LOQ	< LOQ	Terpineol	< LOQ	< LOQ
Terpinolene	0.06656	0.6656	B Y-Terpineol	< LOQ	< LOQ
Nerol	< LOQ	< LOQ	A-Terpineol	< LOQ	< LOQ
Borneol	< LOQ	< LOQ	Ocimene isomer II	0.6375	6.375
Ocimene isomer I	0.1113	1.113			
Sesquiterpenes	%	mg/g	Sesquiterpenes	%	mg/g
alpha-Bisabolol	0.3746	3.746	beta-Caryophyllene	1.623	16.23
Caryophyllene Oxide	0.3258	3.258	Guaiol	0.1908	1.908
alpha-Humulene	0.5470	5.47	trans-Nerolidol	< LOQ	< LOQ
Valencene	< LOQ	< LOQ	cis-Nerolidol	2.286	22.86
Total Terpenes	14.97	149.7			

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

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Chief Science Officer - 12/21/2019



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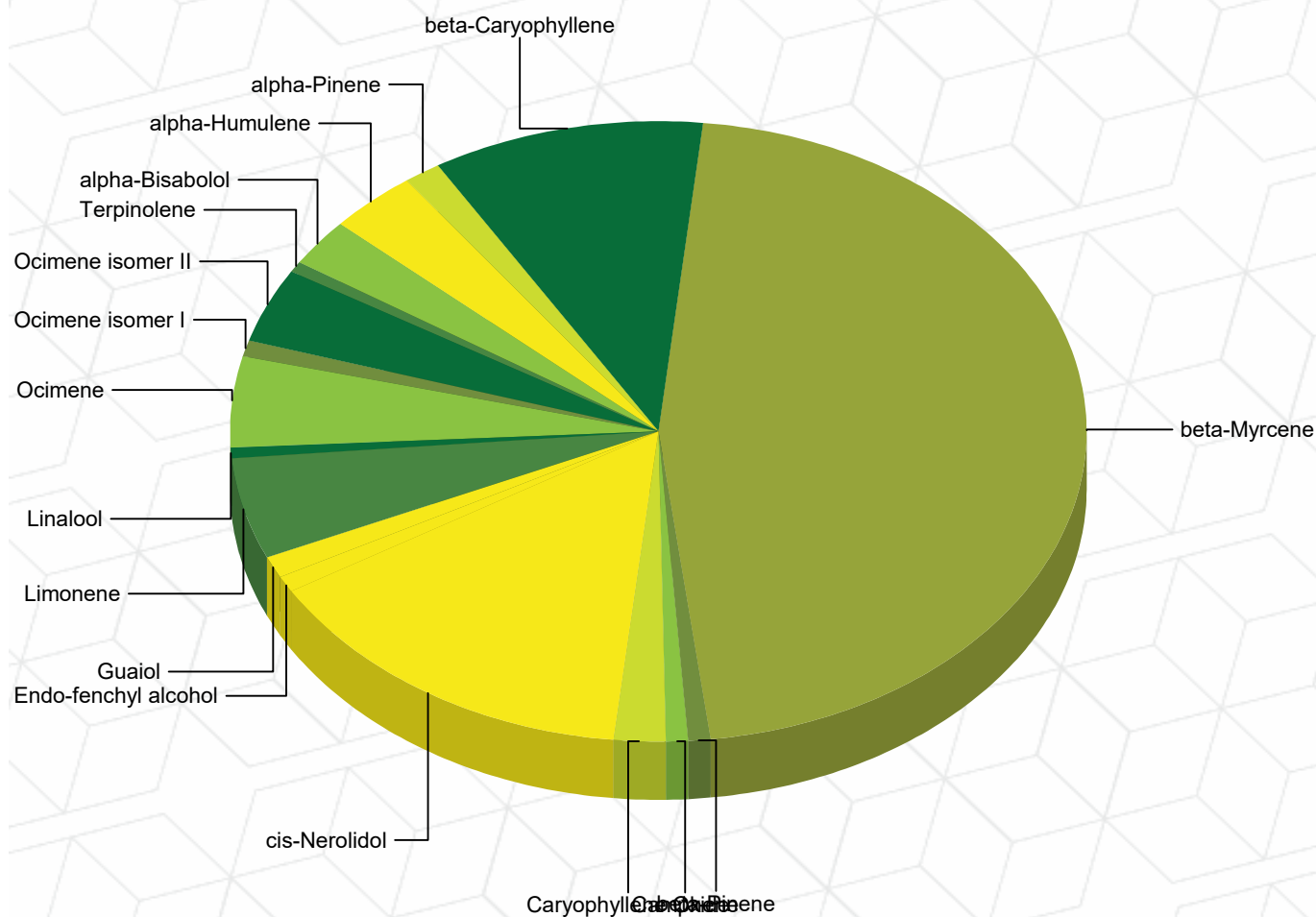
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Arete Hemp LLC

Terpene Profile



Percentage of Total Terpenes Identified

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Chief Science Officer - 12/21/2019