



Arete Cherry Cobbler

Sample ID: G9L0305-01

Matrix: Industrial Hemp

Test ID: 1005463

Source ID:

Date Sampled: 12/13/19

Date Accepted: 12/13/19

Arete Hemp LLC

Potency Analysis

Date/Time Extracted: 12/16/19 13:29

Analysis Method/SOP: 215

Batch Identification: 1951014

	LOQ (%)	% by Wt.	mg/g	Cannabinoids Profile	
Total THC	0.0098	0.6600	6.6		
Total CBD	0.0090	17.08	170.8		
THCA	0.0032	0.4930	4.93		
delta 9-THC	0.0098	0.2277	2.277		
delta 8-THC	0.0048	< LOQ	< LOQ		
Exo-THC	0.0045	< LOQ	< LOQ		
THCV	0.0055	0.0375	0.375		
THCVA	0.0020	< LOQ	< LOQ		
CBD	0.0067	1.586	15.86		
CBDA	0.0090	17.67	176.7		
CBDV	0.0054	0.0215	0.215		
CBDVA	0.0018	0.2743	2.743		
CBN	0.0032	< LOQ	< LOQ		
CBG	0.0009	0.0604	0.604		
CBGA	0.0009	0.4830	4.83		
CBC	0.0097	0.2433	2.433		

Cannabinoid	Value
THCA	0.5
delta 9-THC	0.2
THCV	0.0
CBGA	0.5
CBDA	17.7
CBD	1.6
CBDV	0.0
CBG	0.1
CBC	0.2
CBDVA	0.3
Total	21.1

Moisture

Date/Time Extracted: 12/17/19 14:56

Analysis Method/SOP: 103

Moisture: 7.34 %

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.

Eric Wendt
Chief Science Officer - 12/21/2019



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Arete Hemp LLC

Terpene Analysis

Date/Time Extracted: 12/16/19 13:29

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	0.03326	0.3326
Eucalyptol	< LOQ	< LOQ	Fenchone	< LOQ	< LOQ
Geraniol	< LOQ	< LOQ	Geranyl acetate	< LOQ	< LOQ
Hexahydrothymol	< LOQ	< LOQ	Isoborneol	< LOQ	< LOQ
Isopulegol	< LOQ	< LOQ	Limonene	0.1905	1.905
Linalool	0.05898	0.5898	p-Mentha-1,5-diene	< LOQ	< LOQ
beta-Myrcene	2.733	27.33	Ocimene	0.1484	1.484
alpha-Pinene	0.1416	1.416	beta-Pinene	0.06828	0.6828
Pulegone	< LOQ	< LOQ	Sabinene	< LOQ	< LOQ
Sabinene hydrate	< LOQ	< LOQ	gamma-Terpinene	< LOQ	< LOQ
alpha-Terpinene	< LOQ	< LOQ	Terpineol	0.03457	0.3457
Terpinolene	< LOQ	< LOQ	B Y-Terpineol	< LOQ	< LOQ
Nerol	< LOQ	< LOQ	A-Terpineol	0.05487	0.5487
Borneol	< LOQ	< LOQ	Ocimene isomer II	0.1484	1.484
Ocimene isomer I	< LOQ	< LOQ			
Sesquiterpenes	%	mg/g	Sesquiterpenes	%	mg/g
alpha-Bisabolol	0.1398	1.398	beta-Caryophyllene	0.4755	4.755
Caryophyllene Oxide	0.03861	0.3861	Guaiol	0.08512	0.8512
alpha-Humulene	0.1263	1.263	trans-Nerolidol	< LOQ	< LOQ
Valencene	< LOQ	< LOQ	cis-Nerolidol	0.3522	3.522
Total Terpenes	4.647	46.47			

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

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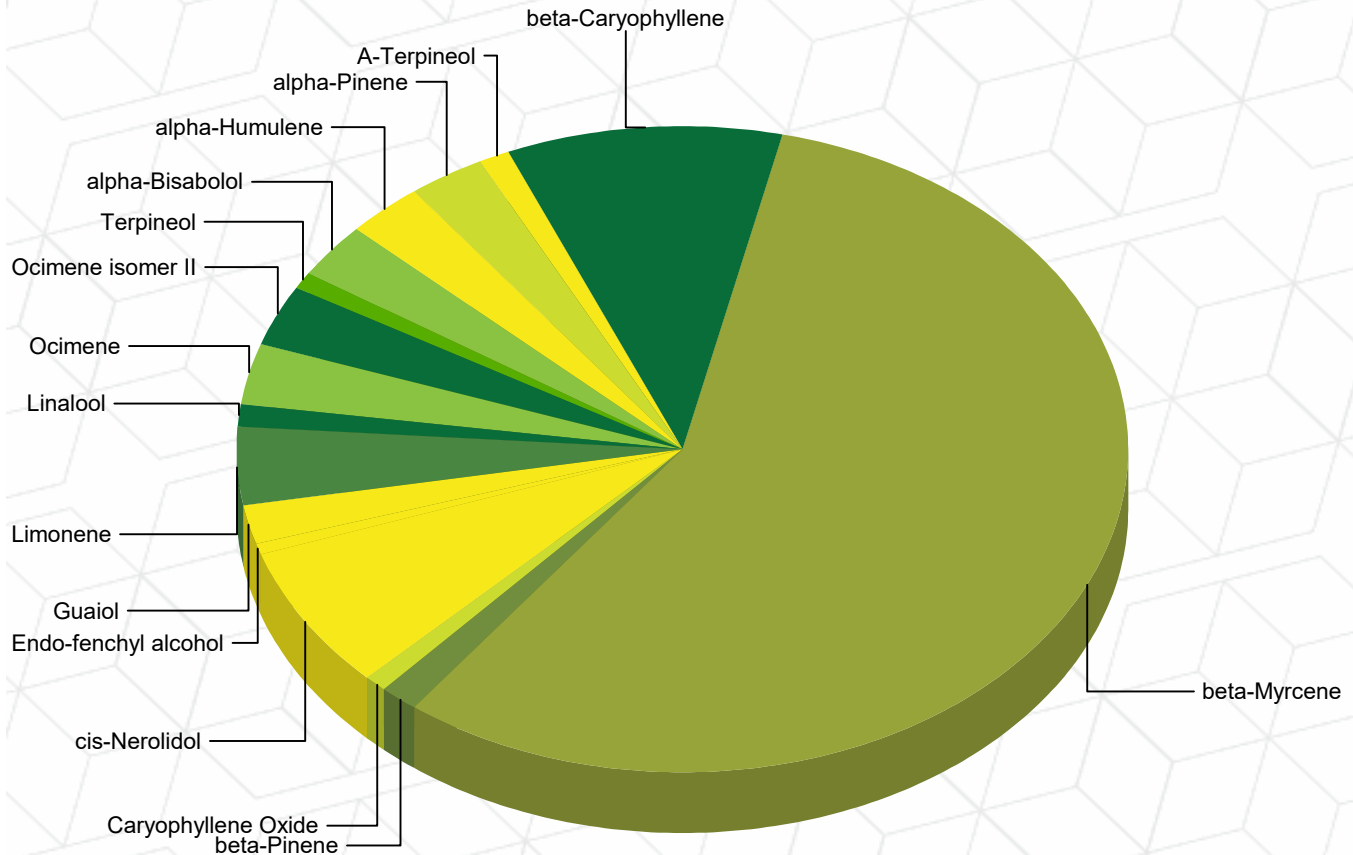
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Arete Hemp LLC

Terpene Profile



Percentage of Total Terpenes Identified

Eric Wendt
Chief Science Officer - 12/21/2019