



Arete Elektra Outdoor

Sample ID: G9K0218-01

Matrix: Industrial Hemp

Test ID: 5000059

Source ID:

Date Sampled: 11/11/19

Date Accepted: 11/11/19

Arete Hemp LLC

Terpene Analysis

Date/Time Extracted: 11/12/19 10:57

Analysis Method/SOP: 204

Monoterpenes	%	mg/g	Monoterpenes	%	mg/g
Camphene	0.008095	0.08095	Camphor	< LOQ	< LOQ
3-Carene	< LOQ	< LOQ	alpha-Cedrene	< LOQ	< LOQ
Cedrol	< LOQ	< LOQ	Endo-fenchyl alcohol	0.02538	0.2538
Eucalyptol	< LOQ	< LOQ	Fenchone	< LOQ	< LOQ
Geraniol	< LOQ	< LOQ	Geranyl acetate	< LOQ	< LOQ
Hexahydrothymol	< LOQ	< LOQ	Isoborneol	< LOQ	< LOQ
Isopulegol	< LOQ	< LOQ	Limonene	0.06108	0.6108
Linalool	0.05755	0.5755	p-Mentha-1,5-diene	< LOQ	< LOQ
beta-Myrcene	1.184	11.84	Ocimene	< LOQ	< LOQ
alpha-Pinene	0.2339	2.339	beta-Pinene	0.09193	0.9193
Pulegone	< LOQ	< LOQ	Sabinene	< LOQ	< LOQ
Sabinene hydrate	< LOQ	< LOQ	gamma-Terpinene	< LOQ	< LOQ
alpha-Terpinene	< LOQ	< LOQ	Terpineol	0.01603	0.1603
Terpinolene	< LOQ	< LOQ	B Y-Terpineol	< LOQ	< LOQ
Nerol	< LOQ	< LOQ	A-Terpineol	0.02545	0.2545
Borneol	< LOQ	< LOQ	Ocimene isomer II	< LOQ	< LOQ
Ocimene isomer I	< LOQ	< LOQ			
Sesquiterpenes	%	mg/g	Sesquiterpenes	%	mg/g
alpha-Bisabolol	0.1309	1.309	beta-Caryophyllene	0.2522	2.522
Caryophyllene Oxide	0.02380	0.238	Guaiol	0.05622	0.5622
alpha-Humulene	0.06988	0.6988	trans-Nerolidol	0.03747	0.3747
Valencene	< LOQ	< LOQ	cis-Nerolidol	0.2851	2.851
Total Terpenes	2.543	25.43			

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

Russell Kuhfeld
Quality Officer - 11/14/2019