



Arcane Kush Indoor Hemp Flower

Sample ID: G0K0257-01 Matrix: Industrial Hemp
Test ID: 5012813
Source ID:
Date Sampled: 11/11/20 Date Accepted: 11/11/20

Arete Hemp LLC

Potency Analysis

Date/Time Extracted: 11/13/20 08:15 Analysis Method/SOP: 215 Batch Identification: 2046047

	LOQ (%)	% by Wt.	mg/g	Cannabinoids Profile
Total THC	0.010	0.55	5.5	
Total CBD	0.009	13	130	
Total CBG	0.0009	0.073	0.73	
THCA	0.003	0.58	5.8	
delta 9-THC	0.010	0.042	0.42	
THCV	0.006	< LOQ	< LOQ	
THCVA	0.002	< LOQ	< LOQ	
CBD	0.007	0.35	3.5	
CBDA	0.009	15	150	
CBDV	0.005	< LOQ	< LOQ	
CBDVA	0.002	0.050	0.5	
CBN	0.003	< LOQ	< LOQ	
CBG	0.0009	0.073	0.73	
CBGA	0.0009	< LOQ	< LOQ	
CBC	0.010	0.062	0.62	

Cannabinoid	Value
THCA	0.6
delta 9-THC	0.0
CBDA	14.7
CBD	0.4
CBG	0.1
CBC	0.1
CBDVA	0.0
Total	15.9

Moisture

Date/Time Extracted: 11/13/20 16:36 Analysis Method/SOP: 103
Moisture: 8.24 % Action Level: 15%

Potency results are reported on a dry weight basis.
Total THC = delta 9-THC + (THCA * 0.877)
Total CBD = CBD + (CBDA * 0.877)
Total CBG = CBG + (CBGA * 0.878)
LOQ=Limit of Quantification, the lowest measurable concentration of an analyte.



Eric Wendt
Chief Science Officer - 11/17/2020

All QC samples met acceptance criteria of the method; data available upon request. These results relate only to the sample included on this report. The report may not be reproduced except in full, without the written permission of Green Leaf Lab.
This is for informational testing and is not compliance testing. Lab results apply to the sample as received.



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Sample ID: G0K0257-01

Matrix: Industrial Hemp

Test ID: 5012813

Source ID:

Date Sampled: 11/11/20

Date Accepted: 11/11/20

Arete Hemp LLC

Terpene Analysis

Date/Time Extracted: 11/13/20 08:15

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	0.01880	0.188
Eucalyptol	< LOQ	< LOQ	Fenchone	< LOQ	< LOQ
Geraniol	< LOQ	< LOQ	Geranyl acetate	< LOQ	< LOQ
Hexahydrothymol	< LOQ	< LOQ	Isoborneol	< LOQ	< LOQ
Isopulegol	< LOQ	< LOQ	Limonene	0.08537	0.8537
Linalool	0.05198	0.5198	p-Mentha-1,5-diene	< LOQ	< LOQ
beta-Myrcene	0.4099	4.099	alpha-Pinene	0.01007	0.1007
beta-Pinene	0.01739	0.1739	Pulegone	< LOQ	< LOQ
Sabinene	< LOQ	< LOQ	Sabinene hydrate	< LOQ	< LOQ
gamma-Terpinene	< LOQ	< LOQ	alpha-Terpinene	< LOQ	< LOQ
Terpineol	0.01986	0.1986	Terpinolene	< LOQ	< LOQ
B Y-Terpineol	< LOQ	< LOQ	Nerol	< LOQ	< LOQ
A-Terpineol	0.03153	0.3153	Borneol	< LOQ	< LOQ
Ocimene isomer II	< LOQ	< LOQ	Ocimene isomer I	< LOQ	< LOQ
Sesquiterpenes	%	mg/g	Sesquiterpenes	%	mg/g
alpha-Bisabolol	0.03613	0.3613	beta-Caryophyllene	0.1317	1.317
Caryophyllene Oxide	0.01050	0.105	Guaiol	0.04344	0.4344
alpha-Humulene	0.04794	0.4794	trans-Nerolidol	< LOQ	< LOQ
Valencene	< LOQ	< LOQ	cis-Nerolidol	< LOQ	< LOQ
Total Terpenes	0.8948	8.948			

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



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