



Arete Test #13

Sample ID: G1A0167-01

Matrix: Industrial Hemp

Test ID: 5013488

Source ID:

Date Sampled: 01/12/21

Date Accepted: 01/12/21

Arete Hemp LLC

Potency Analysis

Date/Time Extracted: 01/14/21 08:57

Analysis Method/SOP: 215

Batch Identification: 2103034

	LOQ (%)	% by Wt.	mg/g	Cannabinoids Profile	
Total THC	0.010	0.56	5.6		
Total CBD	0.009	12	120		
Total CBG	0.0009	0.33	3.3		
THCA	0.003	0.60	6		
delta 9-THC	0.010	0.035	0.35		
THCV	0.006	< LOQ	< LOQ		
THCVA	0.002	0.036	0.36		
CBD	0.007	0.36	3.6		
CBDA	0.009	14	140		
CBDV	0.006	< LOQ	< LOQ		
CBDVA	0.002	0.060	0.6		
CBN	0.003	< LOQ	< LOQ		
CBG	0.0009	0.097	0.97		
CBGA	0.0009	0.26	2.6		
CBC	0.010	0.064	0.64		

Cannabinoid	Value
THCA	0.6
delta 9-THC	0.0
CBGA	0.3
CBDA	13.7
CBD	0.4
CBG	0.1
CBC	0.1
CBDVA	0.1
THCVA	0.0
Total	15.3

Moisture

Date/Time Extracted: 01/14/21 15:59

Analysis Method/SOP: 103

Moisture: 9.51 %

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.



Brittany Wiemer

Brittany Wiemer
Quality Officer - 1/15/2021

ISO 17025
ACCREDITED
LABORATORY

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.



Arete Test #13

Sample ID: G1A0167-01

Matrix: Industrial Hemp

Test ID: 5013488

Source ID:

Date Sampled: 01/12/21

Date Accepted: 01/12/21

Arete Hemp LLC

Terpene Analysis

Date/Time Extracted: 01/14/21 08:57

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	< LOQ	< LOQ
Eucalyptol	< LOQ	< LOQ	Fenchone	< LOQ	< LOQ
Geraniol	< LOQ	< LOQ	Geranyl acetate	< LOQ	< LOQ
Hexahydrothymol	< LOQ	< LOQ	Isoborneol	< LOQ	< LOQ
Isopulegol	< LOQ	< LOQ	Limonene	0.03210	0.321
Linalool	0.03300	0.33	p-Mentha-1,5-diene	< LOQ	< LOQ
beta-Myrcene	0.3709	3.709	alpha-Pinene	0.06417	0.6417
beta-Pinene	0.01366	0.1366	Pulegone	< LOQ	< LOQ
Sabinene	< LOQ	< LOQ	Sabinene hydrate	< LOQ	< LOQ
gamma-Terpinene	< LOQ	< LOQ	alpha-Terpinene	< LOQ	< LOQ
Terpineol	0.01898	0.1898	Terpinolene	< LOQ	< LOQ
B Y-Terpineol	< LOQ	< LOQ	Nerol	< LOQ	< LOQ
A-Terpineol	0.03013	0.3013	Borneol	< LOQ	< LOQ
Ocimene isomer II	< LOQ	< LOQ	Ocimene isomer I	< LOQ	< LOQ
Sesquiterpenes	%	mg/g	Sesquiterpenes	%	mg/g
alpha-Bisabolol	0.05780	0.578	beta-Caryophyllene	0.1156	1.156
Caryophyllene Oxide	9.024E-4	0.009024	Guaiol	0.04283	0.4283
alpha-Humulene	0.03261	0.3261	trans-Nerolidol	0.01381	0.1381
Valencene	0.01470	0.147	cis-Nerolidol	< LOQ	< LOQ
Total Terpenes	0.8222	8.222			

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



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