



### Apple Pie Indoor Hemp Flower

Sample ID: G0K0257-02 Matrix: Industrial Hemp  
Test ID: 5012814  
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	0.56	5.6		
Total CBD	0.009	12	120		
Total CBG	0.0008	0.079	0.79		
THCA	0.003	0.57	5.7		
delta 9-THC	0.010	0.064	0.64		
THCV	0.005	< LOQ	< LOQ		
THCVA	0.002	< LOQ	< LOQ		
CBD	0.007	0.52	5.2		
CBDA	0.009	13	130		
CBDV	0.005	< LOQ	< LOQ		
CBDVA	0.002	0.055	0.55		
CBN	0.003	< LOQ	< LOQ		
CBG	0.0008	0.079	0.79		
CBGA	0.0008	< LOQ	< LOQ		
CBC	0.010	0.089	0.89		

  

Cannabinoid	Value
THCA	0.6
delta 9-THC	0.1
CBDA	13.1
CBD	0.5
CBG	0.1
CBC	0.1
CBDVA	0.1
Total	14.4

### Moisture

Date/Time Extracted: 11/13/20 16:36 Analysis Method/SOP: 103

Moisture: 6.12 % 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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### 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	0.01284	0.1284
Eucalyptol	< LOQ	< LOQ	Fenchone	< LOQ	< LOQ
Geraniol	< LOQ	< LOQ	Geranyl acetate	< LOQ	< LOQ
Hexahydrothymol	< LOQ	< LOQ	Isoborneol	< LOQ	< LOQ
Isopulegol	< LOQ	< LOQ	Limonene	0.04307	0.4307
Linalool	0.03873	0.3873	p-Mentha-1,5-diene	< LOQ	< LOQ
beta-Myrcene	0.3057	3.057	alpha-Pinene	0.04378	0.4378
beta-Pinene	0.03159	0.3159	Pulegone	< LOQ	< LOQ
Sabinene	< LOQ	< LOQ	Sabinene hydrate	< LOQ	< LOQ
gamma-Terpinene	< LOQ	< LOQ	alpha-Terpinene	< LOQ	< LOQ
Terpineol	0.01576	0.1576	Terpinolene	< LOQ	< LOQ
B Y-Terpineol	< LOQ	< LOQ	Nerol	< LOQ	< LOQ
A-Terpineol	0.02502	0.2502	Borneol	< LOQ	< LOQ
Ocimene isomer II	< LOQ	< LOQ	Ocimene isomer I	< LOQ	< LOQ
Sesquiterpenes	%	mg/g	Sesquiterpenes	%	mg/g
alpha-Bisabolol	0.06301	0.6301	beta-Caryophyllene	0.06006	0.6006
Caryophyllene Oxide	0.07338	0.7338	Guaiol	0.08655	0.8655
alpha-Humulene	0.02469	0.2469	trans-Nerolidol	< LOQ	< LOQ
Valencene	< LOQ	< LOQ	cis-Nerolidol	< LOQ	< LOQ
<b>Total Terpenes</b>	<b>0.8084</b>	<b>8.084</b>			

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



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