



### Day Dream Hybrid Outdoor

Sample ID: G9J0208-01 Matrix: Industrial Hemp  
Test ID: 1012232  
Source ID:  
Date Sampled: 10/08/19 Date Accepted: 10/08/19

Arete Hemp LLC

### Potency Analysis

Date/Time Extracted: 10/11/19 15:46 Analysis Method/SOP: 215 Batch Identification: 1941092

	LOQ (%)	% by Wt.	mg/g	Cannabinoids Profile
Total THC	0.0097	0.6892	6.892	
Total CBD	0.0088	18.80	188	
THCA	0.0031	0.7125	7.125	
delta 9-THC	0.0097	0.0644	0.644	
delta 8-THC	0.0048	< LOQ	< LOQ	
Exo-THC	0.0044	< LOQ	< LOQ	
THCV	0.0054	< LOQ	< LOQ	
THCVA	0.0020	< LOQ	< LOQ	
CBD	0.0066	0.3802	3.802	
CBDA	0.0088	21.00	210	
CBDV	0.0053	< LOQ	< LOQ	
CBDVA	0.0017	0.1498	1.498	
CBN	0.0032	< LOQ	< LOQ	
CBG	0.0008	0.0220	0.22	
CBGA	0.0008	0.1271	1.271	
CBC	0.0095	0.0969	0.969	

Cannabinoid	Value
THCA	0.7
delta 9-THC	0.1
CBGA	0.1
CBDA	21.0
CBD	0.4
CBG	0.0
CBC	0.1
CBDVA	0.1
Total	22.6

### Moisture

Date/Time Extracted: 10/11/19 13:32 Analysis Method/SOP: 103

Moisture: 6.05 %

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 - 10/14/2019



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**Arete Hemp LLC**

### Terpene Analysis

Date/Time Extracted: 10/11/19 15:46

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	0.01488	0.1488
Eucalyptol	< LOQ	< LOQ	Fenchone	< LOQ	< LOQ
Geraniol	< LOQ	< LOQ	Geranyl acetate	< LOQ	< LOQ
Hexahydrothymol	< LOQ	< LOQ	Isoborneol	< LOQ	< LOQ
Isopulegol	< LOQ	< LOQ	Limonene	0.06416	0.6416
Linalool	0.03211	0.3211	p-Mentha-1,5-diene	< LOQ	< LOQ
beta-Myrcene	0.8350	8.35	Ocimene	0.07338	0.7338
alpha-Pinene	0.01246	0.1246	beta-Pinene	0.01680	0.168
Pulegone	< LOQ	< LOQ	Sabinene	< LOQ	< LOQ
Sabinene hydrate	< LOQ	< LOQ	gamma-Terpinene	< LOQ	< LOQ
alpha-Terpinene	< LOQ	< LOQ	Terpineol	0.01522	0.1522
Terpinolene	< LOQ	< LOQ	B Y-Terpineol	< LOQ	< LOQ
Nerol	< LOQ	< LOQ	A-Terpineol	0.01522	0.1522
Borneol	< LOQ	< LOQ	Ocimene isomer II	0.07338	0.7338
Ocimene isomer I	< LOQ	< LOQ			
Sesquiterpenes	%	mg/g	Sesquiterpenes	%	mg/g
alpha-Bisabolol	0.1236	1.236	beta-Caryophyllene	0.2855	2.855
Caryophyllene Oxide	< LOQ	< LOQ	Guaiol	0.03795	0.3795
alpha-Humulene	0.09130	0.913	trans-Nerolidol	0.02041	0.2041
Valencene	< LOQ	< LOQ	cis-Nerolidol	0.3111	3.111
<b>Total Terpenes</b>	<b>1.935</b>	<b>19.35</b>			

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

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Chief Science Officer - 10/14/2019



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Test ID: 1012232

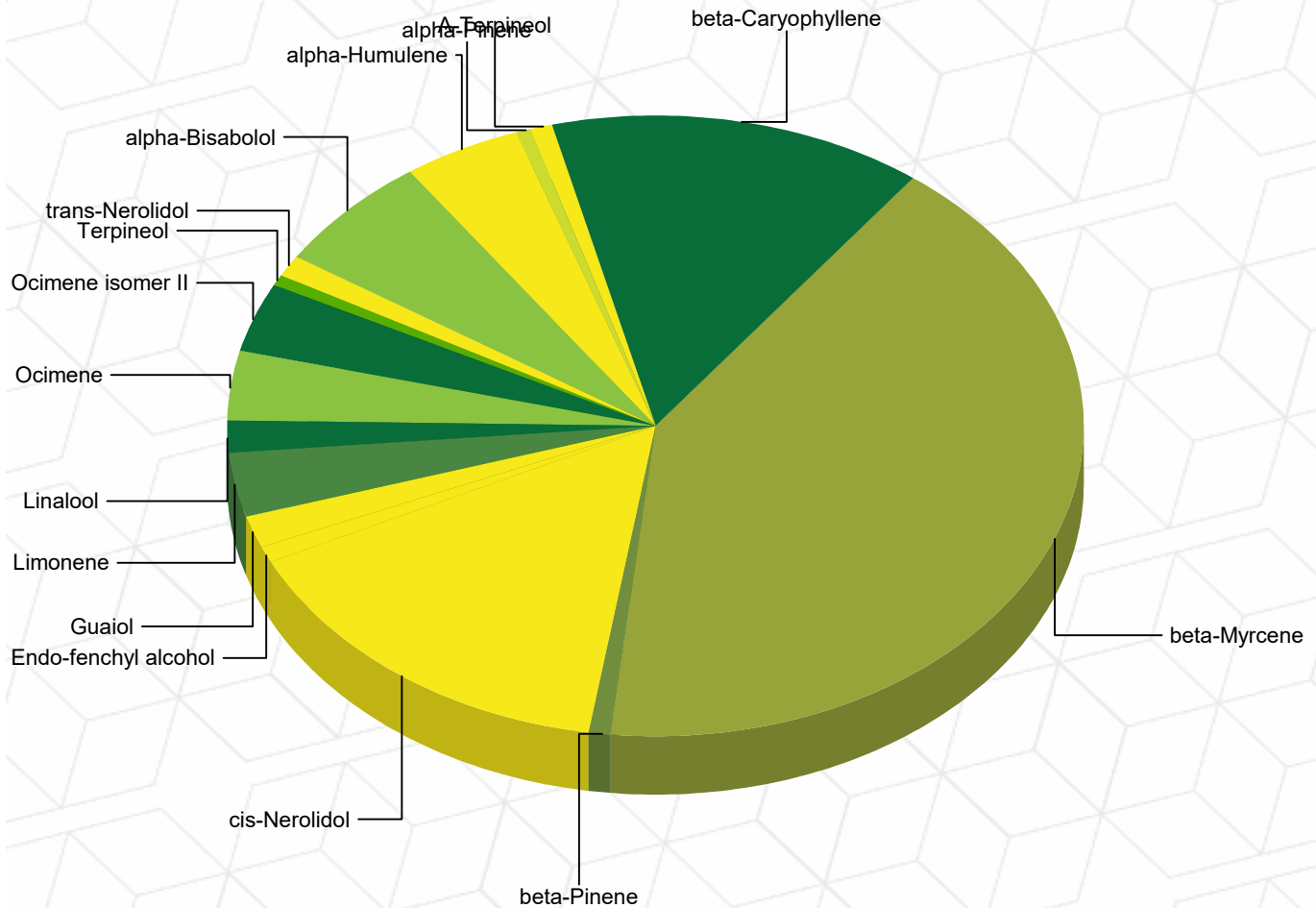
Source ID:

Date Sampled: 10/08/19

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*Arete Hemp LLC*

### Terpene Profile



### Percentage of Total Terpenes Identified

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### Quality Control Potency

Batch: 1941092 - 215-Hemp

Blank(1941092-BLK1)						
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed
THCA	< LOQ	0.0029	%		10/11/19 15:46	10/12/19 18:34
delta 9-THC	< LOQ	0.0091	%		10/11/19 15:46	10/12/19 18:34
delta 8-THC	< LOQ	0.0045	%		10/11/19 15:46	10/12/19 18:34
Exo-THC	< LOQ	0.0042	%		10/11/19 15:46	10/12/19 18:34
THCV	< LOQ	0.0051	%		10/11/19 15:46	10/12/19 18:34
THCVA	< LOQ	0.0019	%		10/11/19 15:46	10/12/19 18:34
CBD	< LOQ	0.0016	%		10/11/19 15:46	10/12/19 18:34
CBDA	< LOQ	0.0021	%		10/11/19 15:46	10/12/19 18:34
CBDV	< LOQ	0.0050	%		10/11/19 15:46	10/12/19 18:34
CBDVA	< LOQ	0.0016	%		10/11/19 15:46	10/12/19 18:34
CBN	< LOQ	0.0030	%		10/11/19 15:46	10/12/19 18:34
CBG	< LOQ	0.000790	%		10/11/19 15:46	10/12/19 18:34
CBGA	< LOQ	0.000790	%		10/11/19 15:46	10/12/19 18:34
CBC	< LOQ	0.0090	%		10/11/19 15:46	10/12/19 18:34

Reference(1941092-SRM1)						
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed
THCA	91.3	0.0029	%	80-120	10/11/19 15:46	10/12/19 18:57
delta 9-THC	107	0.0091	%	80-120	10/11/19 15:46	10/12/19 18:57
CBD	106	0.0016	%	80-120	10/11/19 15:46	10/12/19 18:57
CBDA	92.3	0.0021	%	80-120	10/11/19 15:46	10/12/19 18:57

### Moisture Content

Batch: 1941072 - 103

Reference(1941072-SRM1)						
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed
Percent Moisture	90.5		%	80-120	10/11/19 13:32	10/11/19 13:32

Reference(1941072-SRM2)						
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed
Percent Moisture	94.8		%	80-120	10/11/19 13:32	10/11/19 13:32

Batch: 1941092 - 215-Hemp

Blank(1941092-BLK2)						
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed
alpha-Bisabolol	< LOQ	8.000E-4	%		10/11/19 15:46	10/12/19 16:26
Camphene	< LOQ	8.000E-4	%		10/11/19 15:46	10/12/19 16:26
Camphor	< LOQ	8.000E-4	%		10/11/19 15:46	10/12/19 16:26
3-Carene	< LOQ	8.000E-4	%		10/11/19 15:46	10/12/19 16:26
beta-Caryophyllene	< LOQ	8.000E-4	%		10/11/19 15:46	10/12/19 16:26
Caryophyllene Oxide	< LOQ	8.000E-4	%		10/11/19 15:46	10/12/19 16:26

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### Quality Control Terpene Analysis (Continued)

Batch: 1941092 - 215-Hemp (Continued)

Blank(1941092-BLK2)						
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed
alpha-Cedrene	< LOQ	8.000E-4	%		10/11/19 15:46	10/12/19 16:26
Cedrol	< LOQ	8.000E-4	%		10/11/19 15:46	10/12/19 16:26
Endo-fenchyl alcohol	< LOQ	8.000E-4	%		10/11/19 15:46	10/12/19 16:26
Eucalyptol	< LOQ	8.000E-4	%		10/11/19 15:46	10/12/19 16:26
Fenchone	< LOQ	8.000E-4	%		10/11/19 15:46	10/12/19 16:26
Geraniol	< LOQ	8.000E-4	%		10/11/19 15:46	10/12/19 16:26
Geranyl acetate	< LOQ	8.000E-4	%		10/11/19 15:46	10/12/19 16:26
Guaiol	< LOQ	8.000E-4	%		10/11/19 15:46	10/12/19 16:26
Hexahydrothymol	< LOQ	8.000E-4	%		10/11/19 15:46	10/12/19 16:26
alpha-Humulene	< LOQ	8.000E-4	%		10/11/19 15:46	10/12/19 16:26
Isoborneol	< LOQ	8.000E-4	%		10/11/19 15:46	10/12/19 16:26
Isopulegol	< LOQ	8.000E-4	%		10/11/19 15:46	10/12/19 16:26
Limonene	< LOQ	8.000E-4	%		10/11/19 15:46	10/12/19 16:26
Linalool	< LOQ	8.000E-4	%		10/11/19 15:46	10/12/19 16:26
p-Mentha-1,5-diene	< LOQ	8.000E-4	%		10/11/19 15:46	10/12/19 16:26
beta-Myrcene	< LOQ	8.000E-4	%		10/11/19 15:46	10/12/19 16:26
trans-Nerolidol	< LOQ	8.000E-4	%		10/11/19 15:46	10/12/19 16:26
Ocimene	< LOQ	8.000E-4	%		10/11/19 15:46	10/12/19 16:26
alpha-Pinene	< LOQ	8.000E-4	%		10/11/19 15:46	10/12/19 16:26
beta-Pinene	< LOQ	8.000E-4	%		10/11/19 15:46	10/12/19 16:26
Pulegone	< LOQ	8.000E-4	%		10/11/19 15:46	10/12/19 16:26
Sabinene	< LOQ	8.000E-4	%		10/11/19 15:46	10/12/19 16:26
Sabinene hydrate	< LOQ	8.000E-4	%		10/11/19 15:46	10/12/19 16:26
gamma-Terpinene	< LOQ	8.000E-4	%		10/11/19 15:46	10/12/19 16:26
alpha-Terpinene	< LOQ	8.000E-4	%		10/11/19 15:46	10/12/19 16:26
Terpineol	< LOQ	8.000E-4	%		10/11/19 15:46	10/12/19 16:26
Terpinolene	< LOQ	8.000E-4	%		10/11/19 15:46	10/12/19 16:26
Valencene	< LOQ	8.000E-4	%		10/11/19 15:46	10/12/19 16:26
B Y-Terpineol	< LOQ	8.000E-4	%		10/11/19 15:46	10/12/19 16:26
Nerol	< LOQ	8.000E-4	%		10/11/19 15:46	10/12/19 16:26
A-Terpineol	< LOQ	8.000E-4	%		10/11/19 15:46	10/12/19 16:26
cis-Nerolidol	< LOQ	8.000E-4	%		10/11/19 15:46	10/12/19 16:26
Borneol	< LOQ	8.000E-4	%		10/11/19 15:46	10/12/19 16:26
Ocimene isomer II	< LOQ	8.000E-4	%		10/11/19 15:46	10/12/19 16:26
Ocimene isomer I	< LOQ	8.000E-4	%		10/11/19 15:46	10/12/19 16:26

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