

12025 NE Marx St. Portland, OR 97220 503-253-3511 / www.greenleaflabs.com

License#: 10029074C70

#### **Oregon Frost F1 Light Dep**

Sample ID: G9I0598-01

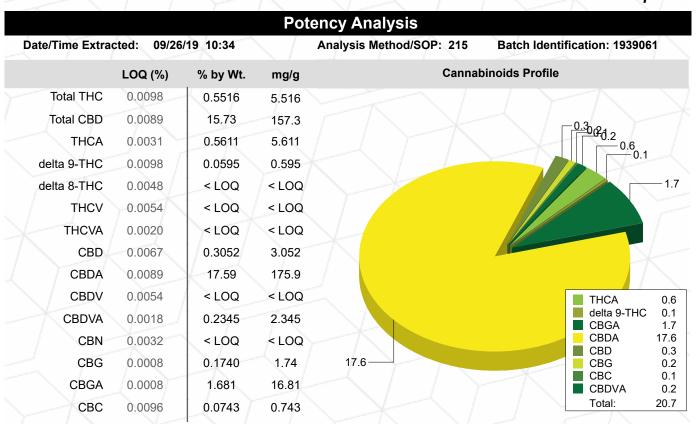
Matrix: Industrial Hemp

Test ID: 1012312 Source ID:

**Date Sampled: 09/23/19** 

Date Accepted: 09/23/19

Arete Hemp LLC



#### **Moisture**

Date/Time Extracted: 09/25/19 17:32 Analysis Method/SOP: 103

Moisture: 6.93 %

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.

Russall Kuhfeld

Russell Kuhfeld

Quality Officer - 9/27/2019



12025 NE Marx St. Portland, OR 97220 503-253-3511 / www.greenleaflabs.com

License#: 10029074C70

### **Oregon Frost F1 Light Dep**

Sample ID: G9I0598-01

Matrix: Industrial Hemp

Test ID: 1012312 Source ID:

**Date Sampled:** 09/23/19

Date Accepted: 09/23/19

Arete Hemp LLC

Date/Time Extracted: 0	9/26/19 10:34		Analysis Method/SOP: 204	/	
Monoterpenes	%	mg/g	Monoterpenes	%	mg/g
Camphene	< LOQ	< LOQ	Camphor	< LOQ	< LO0
3-Carene	< LOQ	< LOQ	alpha-Cedrene	< LOQ	< LO0
Cedrol	< LOQ	< LOQ	Endo-fenchyl alcohol	0.02859	0.285
Eucalyptol	< LOQ	< LOQ	Fenchone	< LOQ	< LOC
Geraniol	< LOQ	< LOQ	Geranyl acetate	< LOQ	< LO0
Hexahydrothymol	< LOQ	< LOQ	Isoborneol	< LOQ	< LO0
Isopulegol	< LOQ	< LOQ	Limonene	0.1027	1.027
Linalool	0.08422	0.8422	p-Mentha-1,5-diene	< LOQ	< LO0
beta-Myrcene	0.1717	1.717	Ocimene	< LOQ	< LO0
alpha-Pinene	0.05992	0.5992	beta-Pinene	0.02800	0.28
Pulegone	< LOQ	< LOQ	Sabinene	< LOQ	< LO0
Sabinene hydrate	< LOQ	< LOQ	gamma-Terpinene	< LOQ	< LO0
alpha-Terpinene	< LOQ	< LOQ	Terpineol	0.04211	0.421
Terpinolene	< LOQ	< LOQ	B Y-Terpineol	< LOQ	< LO0
Nerol	< LOQ	< LOQ	A-Terpineol	0.04211	0.421
Borneol	< LOQ	< LOQ	Ocimene isomer II	< LOQ	< LO0
Ocimene isomer I	< LOQ	< LOQ	NI I T		V
Sesquiterpenes	%	mg/g	Sesquiterpenes	%	mg/g
alpha-Bisabolol	0.07190	0.719	beta-Caryophyllene	0.1323	1.323
Caryophyllene Oxide	< LOQ	< LOQ	Guaiol	0.07520	0.752
alpha-Humulene	0.03621	0.3621	Nerolidol	0.1799	1.799
Valencene	0.01295	0.1295			

<sup>&</sup>lt;LOQ - Results below the Limit of Quantitation - Terpenes profile/analysis are not accredited to ORELAP TNI 2009 Quality Standards.</p>

Russell Hubfeld

Russell Kuhfeld

Quality Officer - 9/27/2019



12025 NE Marx St. Portland, OR 97220 503-253-3511 / www.greenleaflabs.com License#: 10029074C70

# Oregon Frost F1 Light Dep

Sample ID: G9I0598-01

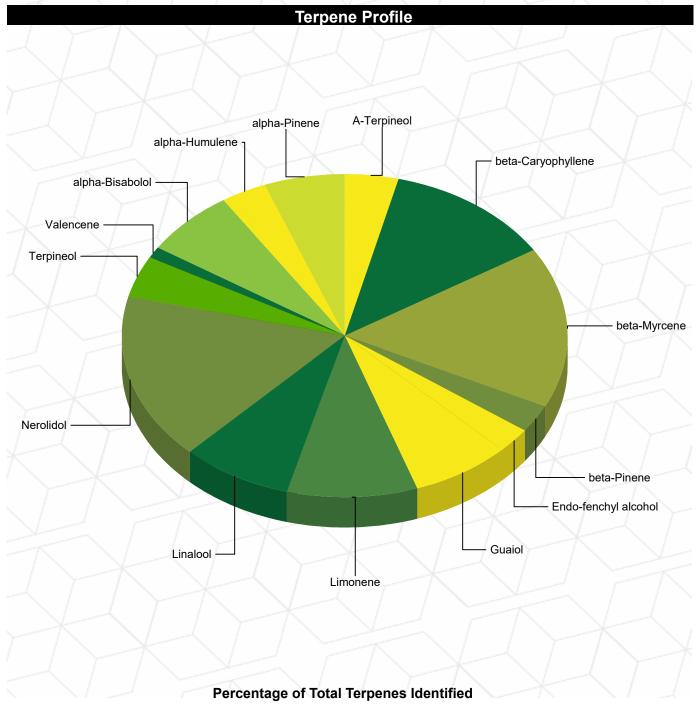
Matrix: Industrial Hemp

Test ID: 1012312 Source ID:

**Date Sampled: 09/23/19** 

Date Accepted: 09/23/19

Arete Hemp LLC



Russell Kubfeld

Russell Kuhfeld

Quality Officer - 9/27/2019



503-253-3511 / www.greenleaflabs.com

License#: 10029074C70

## **Quality Control Potency**

Batch: 1939061 - 215-Hemp

Blank(1939061-	BLK1)			_		
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed
THCA	< LOQ	0.0029	%		09/26/19 10:34	09/26/19 18:58
delta 9-THC	< LOQ	0.0091	%		09/26/19 10:34	09/26/19 18:58
delta 8-THC	< LOQ	0.0045	%		09/26/19 10:34	09/26/19 18:58
THCV	< LOQ	0.0051	%		09/26/19 10:34	09/26/19 18:58
THCVA	< LOQ	0.0019	%		09/26/19 10:34	09/26/19 18:58
CBD	< LOQ	0.0016	%		09/26/19 10:34	09/26/19 18:58
CBDA	< LOQ	0.0021	%		09/26/19 10:34	09/26/19 18:58
CBDV	< LOQ	0.0050	%		09/26/19 10:34	09/26/19 18:58
CBDVA	< LOQ	0.0016	%		09/26/19 10:34	09/26/19 18:58
CBN	< LOQ	0.0030	%		09/26/19 10:34	09/26/19 18:58
CBG	< LOQ	0.000790	%		09/26/19 10:34	09/26/19 18:58
CBGA	< LOQ	0.000790	%		09/26/19 10:34	09/26/19 18:58
CBC	< LOQ	0.0090	%		09/26/19 10:34	09/26/19 18:58

Reference(1939061-SRM1)							
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	
THCA	94.6	0.0029	%	80-120	09/26/19 10:34	09/26/19 19:20	
delta 9-THC	103	0.0091	%	80-120	09/26/19 10:34	09/26/19 19:20	
CBD	102	0.0016	%	80-120	09/26/19 10:34	09/26/19 19:20	
CBDA	94.0	0.0021	%	80-120	09/26/19 10:34	09/26/19 19:20	

#### **Moisture Content**

Batch: 1939054 - 103

Reference(1939054-SRM1)							
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	
Percent Moisture	87.1		%	80-120	09/25/19 17:32	09/25/19 17:32	

Reference(1939054-SRM2)								
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed		
Percent Moisture	90.5		%	80-120	09/25/19 17:32	09/25/19 17:32		

Russell Kubfelt

Russell Kuhfeld Quality Officer - 9/27/2019