



### Electric Buffalo Hydroponic

Sample ID: G0C0326-01 Matrix: Industrial Hemp

Test ID: 5001584

Source ID:

Date Sampled: 03/23/20 Date Accepted: 03/23/20

Arete Hemp LLC

### Potency Analysis

Date/Time Extracted: 03/24/20 10:43

Analysis Method/SOP: 215

Batch Identification: 2013022

|             | LOQ (%) | % by Wt. | mg/g  | Cannabinoids Profile |
|-------------|---------|----------|-------|----------------------|
| Total THC   | 0.0098  | 0.7328   | 7.328 |                      |
| Total CBD   | 0.0090  | 17.31    | 173.1 |                      |
| THCA        | 0.0032  | 0.8080   | 8.08  |                      |
| delta 9-THC | 0.0098  | 0.0242   | 0.242 |                      |
| THCV        | 0.0055  | < LOQ    | < LOQ |                      |
| THCVA       | 0.0020  | < LOQ    | < LOQ |                      |
| CBD         | 0.0067  | 0.2381   | 2.381 |                      |
| CBDA        | 0.0090  | 19.47    | 194.7 |                      |
| CBDV        | 0.0054  | < LOQ    | < LOQ |                      |
| CBDVA       | 0.0018  | 0.0954   | 0.954 |                      |
| CBN         | 0.0032  | < LOQ    | < LOQ |                      |
| CBG         | 0.0009  | 0.1189   | 1.189 |                      |
| CBGA        | 0.0009  | 0.5575   | 5.575 |                      |
| CBC         | 0.0097  | 0.1112   | 1.112 |                      |

  

### Moisture

Date/Time Extracted: 03/24/20 15:46

Analysis Method/SOP: 103

Moisture: 7.69 %

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)

LOQ=Limit of Quantification, the lowest measurable concentration of an analyte.



ISO 17025  
ACCREDITED  
LABORATORY

Eric Wendt  
Chief Science Officer - 3/25/2020

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.

Lab results apply to the sample as received, samples were not collected per OAR 333-007 requirements



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Matrix: Industrial Hemp

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Source ID:

Date Sampled: 03/23/20

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**Arete Hemp LLC**

### Terpene Analysis

Date/Time Extracted: 03/24/20 10:43

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 | 0.01649 | 0.1649 |
| Eucalyptol            | < LOQ        | < LOQ        | Fenchone             | < LOQ   | < LOQ  |
| Geraniol              | < LOQ        | < LOQ        | Geranyl acetate      | < LOQ   | < LOQ  |
| Hexahydrothymol       | < LOQ        | < LOQ        | Isoborneol           | < LOQ   | < LOQ  |
| Isopulegol            | < LOQ        | < LOQ        | Limonene             | 0.06682 | 0.6682 |
| Linalool              | 0.01786      | 0.1786       | p-Mentha-1,5-diene   | < LOQ   | < LOQ  |
| beta-Myrcene          | 1.193        | 11.93        | alpha-Pinene         | 0.04765 | 0.4765 |
| beta-Pinene           | 0.02979      | 0.2979       | Pulegone             | < LOQ   | < LOQ  |
| Sabinene              | < LOQ        | < LOQ        | Sabinene hydrate     | < LOQ   | < LOQ  |
| gamma-Terpinene       | < LOQ        | < LOQ        | alpha-Terpinene      | < LOQ   | < LOQ  |
| Terpineol             | 0.01195      | 0.1195       | Terpinolene          | < LOQ   | < LOQ  |
| B Y-Terpineol         | < LOQ        | < LOQ        | Nerol                | < LOQ   | < LOQ  |
| A-Terpineol           | 0.01896      | 0.1896       | Borneol              | < LOQ   | < LOQ  |
| Sesquiterpenes        | %            | mg/g         | Sesquiterpenes       | %       | mg/g   |
| alpha-Bisabolol       | 0.03032      | 0.3032       | beta-Caryophyllene   | 0.1403  | 1.403  |
| Caryophyllene Oxide   | < LOQ        | < LOQ        | Guaiol               | 0.02945 | 0.2945 |
| alpha-Humulene        | 0.03683      | 0.3683       | trans-Nerolidol      | < LOQ   | < LOQ  |
| Valencene             | < LOQ        | < LOQ        | cis-Nerolidol        | < LOQ   | < LOQ  |
| <b>Total Terpenes</b> | <b>1.685</b> | <b>16.85</b> |                      |         |        |

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



Eric Wendt  
Chief Science Officer - 3/25/2020

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