

Certificate of Analysis

Sample Name: uHemp 300mg CBD - 3%

Tested for: uHemp
EirLab CoA ID: EL25518
Sample ID Number: UHC17
Date Tested: 03.11.2017

Sample Type: Oil
Sample mass: 1ml
Batch ID: N/A
Date report produced: 04.11.2017

EIRLAB SECURITY NO

Physical copy only

Potency Test Results **TEST COMPLETED**

Cannabinoid profiling and analysis utilising High Performance thin-layer Chromatography (HPTLC)

| Cannabinoid Summary | | % (w:w) |
|---------------------|-----------------------------|----------|
| CBD | Cannabidiol | 3.2 % |
| CBDV | Cannabidivarin | 0.03 % |
| CBDA | Cannabidiolic Acid | 0.08 % |
| CBG | Cannabigerol | 0.14 % |
| CBN | Cannabinol | 0.05 % |
| CBC | Cannabichromene | 0.30 % |
| THC | Tetrahydrocannabinol | < 0.20 % |
| THCA* | Tetrahydrocannabinolic Acid | N/A % |

*THC as a sum of Δ^9 - THC and THCA

Instruments we use

- Agilent 6890N GC
- GERSTE-Multi Purpose Sampler MPS 2XL-XT
- WATERS Acquity UPC2 (PDA, QDa)
- HPTLC Methodology

ISO/IEC 17025:2005(E) Laboratory Procedures

Pesticide Test Results **N/A**

HPLC-Mass Spectrometry for compounds including pesticides, fungicides, and plant growth regulators

| | | | |
|--------------|-----|---------------|-----|
| Acequinocyl | N/A | Imidacloprid | N/A |
| Pyrethrium | N/A | Spinosad | N/A |
| Spiromesifen | N/A | Spirotetramat | N/A |
| Abamectin | N/A | Bifenazate | N/A |
| Daminozide | N/A | Fenoxycarb | N/A |
| Myclobutanil | N/A | Paclotubrazol | N/A |

Microbiological Test Results **N/A**

3M Petrifilm and plate counts for microbiological contamination

| | | | |
|---------------------------|-----|----------------------|-----|
| Total Aerobic Plate Count | N/A | Total Yeast and Mold | N/A |
| Enterobact. | N/A | Coliforms | N/A |
| E coli | N/A | Aspergillus | N/A |

Terpene Test Results **N/A**

Screening and profiling for terpenes utilising Gas Chromatography

| | Mg/g / % | | Mg/g / % |
|-----------------------|--------------|-----------------------|--------------|
| α Pinene | 0.00 / 0.000 | Myrcene | 0.00 / 0.000 |
| α Phellandrene | 0.00 / 0.000 | 3 Carene | 0.00 / 0.000 |
| α Terpinene | 0.00 / 0.000 | Limonene | 0.00 / 0.000 |
| Terpinolene | 0.00 / 0.000 | Linalool | 0.00 / 0.000 |
| Fenchol | 0.00 / 0.000 | Borneol | 0.00 / 0.000 |
| Terpineol | 0.00 / 0.000 | Geraniol | 0.00 / 0.000 |
| α Humulene | 0.00 / 0.000 | β Caryophyllene | 0.00 / 0.000 |
| Caryophyllene Oxide | 0.00 / 0.000 | α Bisabolol | 0.00 / 0.000 |
| Camphene | 0.00 / 0.000 | β Pinene | 0.00 / 0.000 |
| Ocimene | 0.00 / 0.000 | Sabinene | 0.00 / 0.000 |
| Camphor | 0.00 / 0.000 | Isoborneol | 0.00 / 0.000 |
| Menthol | 0.00 / 0.000 | α Cedrene | 0.00 / 0.000 |
| Nerolidol | 0.00 / 0.000 | R-(+)-Pulegone | 0.00 / 0.000 |
| Eucalyptol | 0.00 / 0.000 | p-Cymene | 0.00 / 0.000 |
| (-)-Isopulegol | 0.00 / 0.000 | Geranyl Acetate | 0.00 / 0.000 |
| Guaiol | 0.00 / 0.000 | Valencene | 0.00 / 0.000 |
| Phytol | 0.00 / 0.000 | Citronellol | 0.00 / 0.000 |

Total Terpene Concentration Mg/g / 0.000 %

Residual Solvent Test Results **N/A**

Headspace-Gas Chromatography for alkane and alcohol extractions

| | | | |
|--------------------|-----|-----------------------|-----|
| Propane | N/A | Ethanol | N/A |
| Methanol | N/A | Isopropanol | N/A |
| Isobutane | N/A | Mercaptan | N/A |
| 2,2-Dimethylbutane | N/A | 2-Methylpentane | N/A |
| 3-Methylpentane | N/A | Cyclohexane + Benzene | N/A |
| Isopentane | N/A | Neopentane | N/A |
| n Butane | N/A | n Heptane | N/A |
| n Hexane | N/A | n Pentane | N/A |

EIRLAB Certification

Verified EirLab Seal



EIRLAB SEAL & STAMP

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Sample has been tested by EirLab Ireland.