

# 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**

261  
044

## Potency Test Results **TEST COMPLETED**

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

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

\*THC as a sum of  $\Delta^9$ - 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 / %
$\alpha$ Pinene	0.00 / 0.000	Myrcene	0.00 / 0.000
$\alpha$ Phellandrene	0.00 / 0.000	3 Carene	0.00 / 0.000
$\alpha$ 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
$\alpha$ Humulene	0.00 / 0.000	$\beta$ Caryophyllene	0.00 / 0.000
Caryophyllene Oxide	0.00 / 0.000	$\alpha$ Bisabolol	0.00 / 0.000
Camphene	0.00 / 0.000	$\beta$ 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	$\alpha$ 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

Physical copy only

Scan to verify at [www.EirLab.eu/verify-coa/](http://www.EirLab.eu/verify-coa/)

Sample has been tested by EirLab Ireland.