



Certificate of Analysis

Sample Name: CBD HASH
Tested for: Lough Farm Extracts
EirLab CoA ID: EL25/2519
Sample ID Number: NA
Date Tested: 14.08.2018

Sample Type: Plant material
Sample mass: 1 gram
Batch ID: LFH1
Date report produced: 02.10.2018

EIRLAB SECURITY NO

261066

Potency Test Results TEST COMPLETED

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

Cannabinoid Summary		% (w:w)
CBD	Cannabidiol	6.3%
CBDV	Cannabidivarin	ND
CBDA	Cannabidiolic Acid	ND
CBG	Cannabigerol	0.10%
CBN	Cannabinol	ND
CBC	Cannabichromene	0.30%
THC	Tetrahydrocannabinol	<0.19%
THCA*	Tetrahydrocannabinolic Acid	ND

*THC as a sum of Δ^9 -THC and THCA

Technology we use

- High Pressure Liquid Chromatography (HPLC)
- Mass Spectrometer (MS)
- Real-Time Polymerase Chain Reaction (PCR)

Pesticide Test Results N/A

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

Acequinocyl	N/A	Imidacloprid	N/A
Pyrethrum	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	Paclobutrazol	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



Physical copy only

Scan to verify at www.EirLab.eu

Sample has been tested by EirLab Ireland.