



HERBPOWER
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TEST REPORT 202-03/05/2019

Test no: 202

Cannabinoids tested by liquid chromatography

In vitro testing for fungi

High Performance Thin Layer Chromatography for element analysis

Extract Producer: HEMPOWER / Lechaio / Greece / +30 2741 550 843

Batch No: 21/A/19-H6

This test report contains test result obtained from Qualitative analysis performed by the University of Technology Prague (Anexa 1)- document number ML667/19.

Product Analyzed: 6 bottles of Cannabidiol OIL -CBD oil (Full Plant Extract) as written on the product batch form (high pressure reactor extraction- stripping column).

Batch size: 1000l

Packaging: 100 ml bottles

Content: Cannabis extract – Full plant extract- Decarboxylated

Samples received: -03-05-2019

Form of Botanical: liquid product; Specific Density: 0.96

Sample: 3.0; 4.0; 6.0; 7.0; 8.0, 9.0

Analyst: Mihaela Anghelescu

Test Methods used for determination of compounds: HPLC-FLD; HRMS; LC-MS

Conclusion: All samples indicated similar results. No fungi infestation from in vitro test.

Quantitative evaluation- method LC-MS

Cannabinoids

Result

CBD (cannabidiol)- <i>anxiolytic/antipsychotic/analgesic/anti-inflammatory/antispasmodic/antioxydant</i>	9260 mg/kg (0.9260%)
CBDA (cannabidiolic acid) - <i>antibiotic</i>	94 mg/kg (0.0094%)
Δ9-THC (delta 9 tetrahydrocannabinol)- <i>euphoriant/analgesic/ anti-inflammatory/antiemetic/antioxydant</i>	400 mg/kg (0.04%)
Δ8-THC (delta 8 tetrahydrocannabinol)- <i>similar to THC- less potent</i>	60 mg/kg (0.006%)
Δ9-THCA-A (delta 9 tetrahydrocannabinolic acid-A)- <i>immuno-modulating effect not modulated by CB1&2 receptors</i>	30 mg/kg (0.003%)
CBN (cannabinol)- <i>Sedative/antibiotic/ antyconvulsant/ anty-inflammatory</i>	33 mg/kg (0.0033%)
CBG (cannabigerol) - <i>analgesic/antibiotic/anti-fungal/anti-inflammatory</i>	101 mg/kg (0.01%)
CBGA (cannabigerolic acid) - <i>antibiotic</i>	4.8 mg/kg
CBDV (cannabidivarin)- <i>neurochemical pathway for previously-observed anti-epileptic and anti-convulsive action</i>	120 mg/kg (0.012%)
CBC (cannabichromene)- <i>analgesic/antibiotic/anti-fungal/anti-inflammatory</i>	230 mg/kg (0.023%)
THCV (tetrahydrocannabivarin)- <i>analgesic / euphoriant</i>	68 mg/kg (0.0068%)
CBDVA (cannabidivarinic acid) – <i>anti-inflammatory</i>	8 mg/kg
Vit E	143 mg/kg (0.01435%)