

CERTIFICATE OF ANALYSIS

Project: Industrial Hemp
Order ID: 2018000339

Customer ID: 65928260
Customer Name: Hempyre Genetics

Harvest/Extract Lot:
Harvest/Extract Date:

Cultivar (Strain): G-3
Sample Date: 11/12/2018

Lab ID: 2018000733
Date Received: 11/12/2018

Sample Matrix: Hemp
Date Completed: 11/13/2018

Remarks:

Analysis Date/Time: 11-13-2018 2103
Analyst: KWF

Method: HPLC/UV
Instrument: Agilent 1100

Moisture Content (%): -
Water Activity (aw): - at - °C

<u>Cannabinoid</u>	<u>Result</u> <u>(%)</u>	<u>Result</u> <u>(mg/g)</u>	<u>Reporting Limit</u> <u>(mg/g)</u>	<u>Per Unit</u> <u>(mg)</u>
CBD	0.203	2.03	0.05	2.03
CBDa	9.06	90.6	0.05	90.6
CBDv	0.0290	0.290	0.05	0.290
Δ9-THC	0.0431	0.431	0.05	0.430
Δ8-THC	<RL	<RL	0.05	-
THCa	0.309	3.09	0.05	3.09
CBC	0.0435	0.435	0.05	0.430
CBG	0.0168	0.168	0.05	0.170
CBGa	0.535	5.35	0.05	5.35
CBN	<RL	<RL	0.05	-
TOTAL	10.2	102		102
TOTAL THC	0.314	3.14		3.14
TOTAL CBD	8.15	81.5		81.5

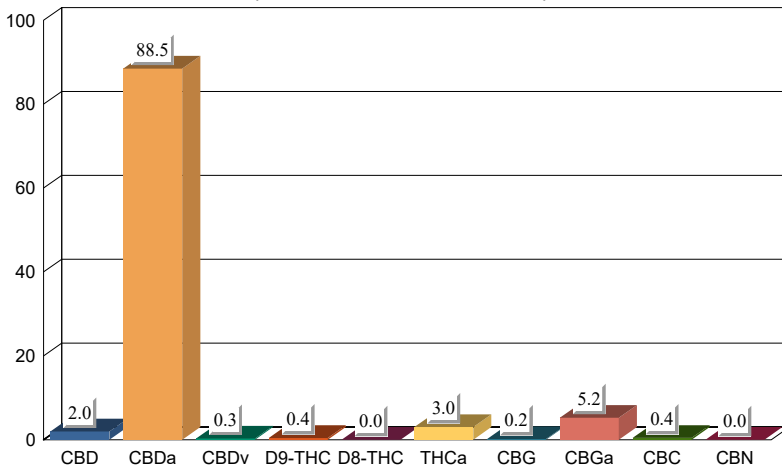


UNIT MASS (g): 1.00

Deviations from standard operating procedure: None

Cannabinoid Distribution

(% of Total Cannabinoids)



Recoveries for all analyte standards: 90-110%
Replicate Uncertainties: <5% RSD, <20% RPD
Sample/Reagent Blanks: <RL for all analytes

Values for plant matter are adjusted for moisture content.

Total THC = (THCa x 0.877) + Δ9-THC
Total CBD = (CBDa x 0.877) + CBD

Percentage results are reported by mass.
mg/g results are reported as mass component per mass material.

Abbreviations: UV - Ultraviolet, HPLC - High Pressure Liquid Chromatography, RL - Reporting Limit, RPD - Relative Percent Difference, RSD - Relative Standard Deviation

This information is provided as a service and makes no claims of efficacy and/or safety of this product.

Results are applicable only for the sample(s) analyzed and for the specific analysis conducted.

This report is for informational purposes only and should not be used to diagnose, treat, or prevent any medical-related symptoms.

The statements and results herein have not been approved and/or endorsed by the FDA.

REPORT OF LABORATORY ANALYSIS

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Felling Analytical Services and Technology (F.A.S.T.), LLC

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