

CERTIFICATE OF ANALYSIS

Project: Industrial Hemp
Order ID: 2018000339

Customer ID: 65928260
Customer Name: Hempyre Genetics

Harvest/Extract Lot:
Harvest/Extract Date:

Cultivar (Strain): WiFe
Sample Date: 11/12/2018

Lab ID: 2018000744
Date Received: 11/12/2018

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

Remarks:

Analysis Date/Time: 11-13-2018 2105
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	0.190	1.90	0.05	1.90
CBDa	15.6	156	0.05	156
CBDv	0.0558	0.558	0.05	0.560
Δ9-THC	0.0405	0.405	0.05	0.400
Δ8-THC	<RL	<RL	0.05	-
THCa	0.607	6.07	0.05	6.07
CBC	0.0509	0.509	0.05	0.510
CBG	0.0313	0.313	0.05	0.310
CBGa	0.514	5.14	0.05	5.14
CBN	<RL	<RL	0.05	-
TOTAL	17.0	170		170
TOTAL THC	0.573	5.73		5.73
TOTAL CBD	13.8	138		138



UNIT MASS (g): 1.00

Deviations from standard operating procedure: None

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.

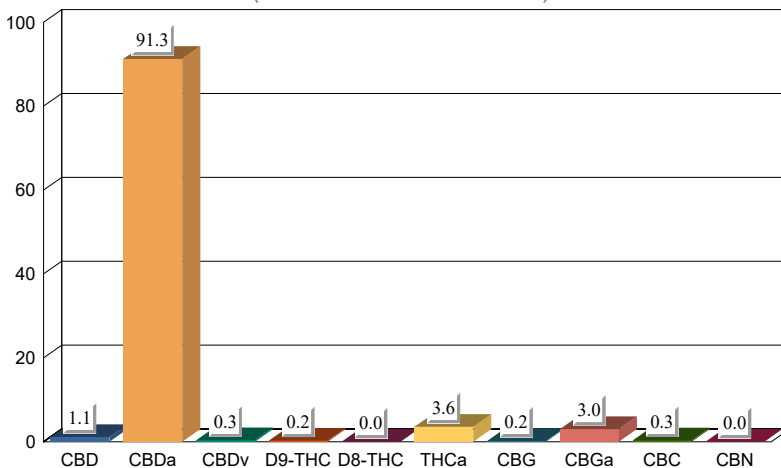
Total THC = (THCa x 0.877) + Δ9-THC
Total CBD = (CBDa x 0.877) + CBD

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

Cannabinoid Distribution

(% of Total Cannabinoids)



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.

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REPORT OF LABORATORY ANALYSIS

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

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