

CERTIFICATE OF ANALYSIS

Project: Industrial Hemp
Order ID: 2018000339

Customer ID: 65928260
Customer Name: Hempyre Genetics

Harvest/Extract Lot:
Harvest/Extract Date:

Cultivar (Strain): Cherry Wine
Sample Date: 11/12/2018

Lab ID: 2018000742
Date Received: 11/12/2018

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

Remarks:

Analysis Date/Time: 11-13-2018 2104
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	0.134	1.34	0.05	1.34
CBDa	15.6	156	0.05	156
CBDv	0.114	1.14	0.05	1.14
Δ9-THC	0.0351	0.351	0.05	0.350
Δ8-THC	<RL	<RL	0.05	-
THCa	0.509	5.09	0.05	5.09
CBC	0.0596	0.596	0.05	0.600
CBG	0.0177	0.177	0.05	0.180
CBGa	0.331	3.31	0.05	3.31
CBN	0.0138	0.138	0.05	0.140
TOTAL	16.8	168		168
TOTAL THC	0.482	4.82		4.82
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.

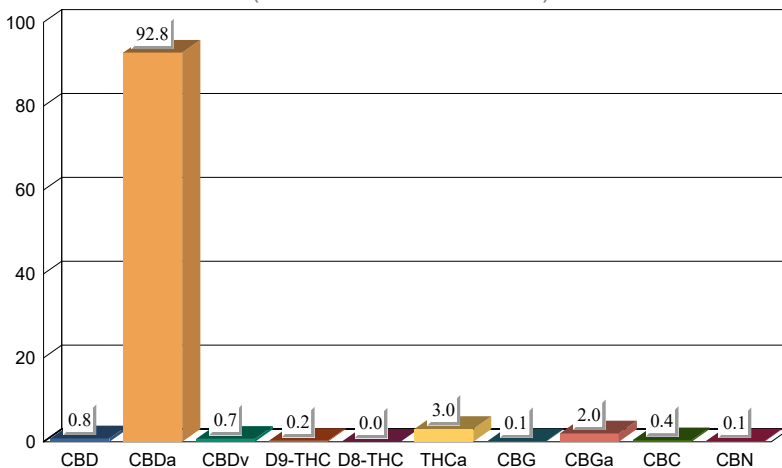
*Total THC = (THCa x 0.877) + Δ9-THC
Total CBD = (CBDa x 0.877) + CBD*

*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.

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

REPORT OF LABORATORY ANALYSIS

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