

## CERTIFICATE OF ANALYSIS

**Order Type:** Industrial Hemp  
**Order ID:** OR2019-5604

**Customer ID:** 191  
**Customer Name:** Hempyre Genetics

**Harvest/Extract Lot:** HG14-A5x  
**Harvest/Extract Batch:** 11/25/19

**Cultivar (Strain):** Crown Jewel  
**Sample Date:** 11/25/2019

**Lab ID:** SA2019-17800  
**Date Received:** 11/25/2019

**Sample Matrix:** Industrial Hemp  
**Date Completed:** 11/26/2019

### Remarks:

### CANNABINOID (POTENCY) PROFILE

**Analysis Date/Time:** 11/26/2019 0543  
**Analyst:** OL

**Method:** 2019-10-18T20:36:50Z  
**Instrument:** Agilent 1100

**Moisture Content (%):** -  
**Water Activity (aw):** -

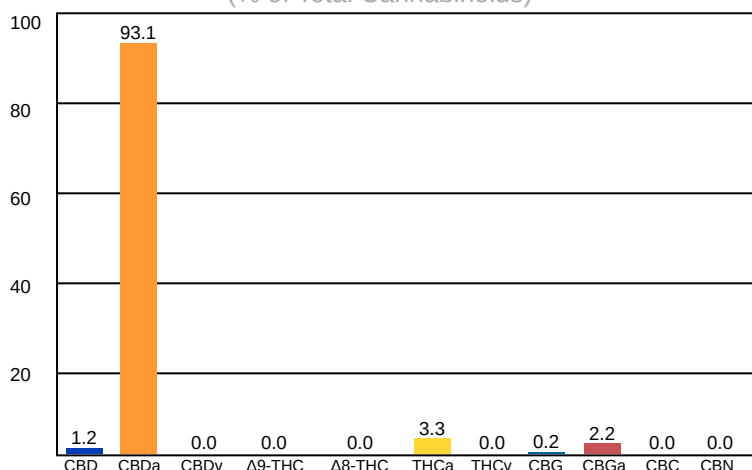
Cannabinoid	Result (%)	Result (mg/g)	Reporting Limit (mg/g)	Result (mg/mL)	Per Unit (mg)
CBD	0.214	2.14	0.0325	-	2
CBDa	16.9	169	0.0325	-	169
CBDv	-	-	0.0325	-	-
Δ9-THC	-	-	0.0325	-	-
Δ8-THC	-	-	0.0325	-	-
THCa	0.599	5.99	0.0325	-	6
THCv	-	-	0.0325	-	-
CBC	-	-	0.0325	-	-
CBG	0.0424	0.424	0.0325	-	0.424
CBGa	0.392	3.92	0.0325	-	4
CBN	-	-	0.0325	-	-
<b>TOTAL</b>	<b>18.2</b>	<b>182</b>		<b>-</b>	<b>182</b>
<b>TOTAL THC</b>	<b>0.525</b>	<b>5.25</b>		<b>-</b>	<b>5</b>
<b>TOTAL CBD</b>	<b>15.1</b>	<b>151</b>		<b>-</b>	<b>151</b>



**UNIT MASS (g):** 1

"-" Not detected above RL.

### Cannabinoid Distribution (% of Total Cannabinoids)



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

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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