

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: 11/17/2018

Analysis Date/Time: 11-15-2018 1927
Analyst: KWF

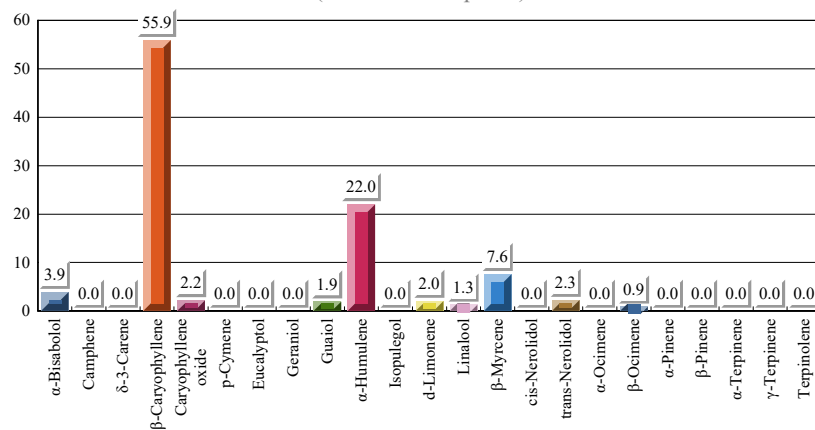
Method: HS/GC/MS (Internal Method-002)
Instrument: Agilent 7890/5975

Deviations from SOP:
 None

<u>Terpene</u>	<u>Result</u> ($\mu\text{g/g}$)	<u>Result</u> (%, total terpenes)
α -Bisabolol	239	3.89
Camphene	-	-
δ -3-Carene	-	-
β -Caryophyllene	3439	55.9
Caryophyllene oxide	134	2.17
p-Cymene	-	-
Eucalyptol	-	-
Geraniol	-	-
Guaiol	119	1.93
α -Humulene	1355	22.0
Isopulegol	-	-
d-Limonene	125	2.04
Linalool	77.9	1.27
β -Myrcene	467	7.59
cis-Nerolidol	-	-
trans-Nerolidol	139	2.27
α -Ocimene	-	-
β -Ocimene	54.5	0.886
α -Pinene	-	-
β -Pinene	-	-
α -Terpinene	-	-
γ -Terpinene	-	-
Terpinolene	-	-
TOTAL	6148	100



Terpenoid Distribution
 (% of Total Terpenes)



Reporting Limit ($\mu\text{g/g}$) 10

Abbreviations: HS - Headspace, GC - Gas Chromatography, MS - Mass Spectrometry, RL - Reporting Limit

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.

"-" not detected above reporting limit

Kyle W. Felling
 Kyle W. Felling, Ph.D.
 Laboratory Director

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