

CERTIFICATE OF ANALYSIS

Project: Industrial Hemp
Order ID: 2018000339

Customer ID: 65928260
Customer Name: Hempyre Genetics

Harvest/Extract Lot:
Harvest/Extract Date:

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

Lab ID: 2018000743
Date Received: 11/12/2018

Sample Matrix: Hemp
Date Completed: 11/17/2018

Analysis Date/Time: 11-16-2018 0002
Analyst: KWF

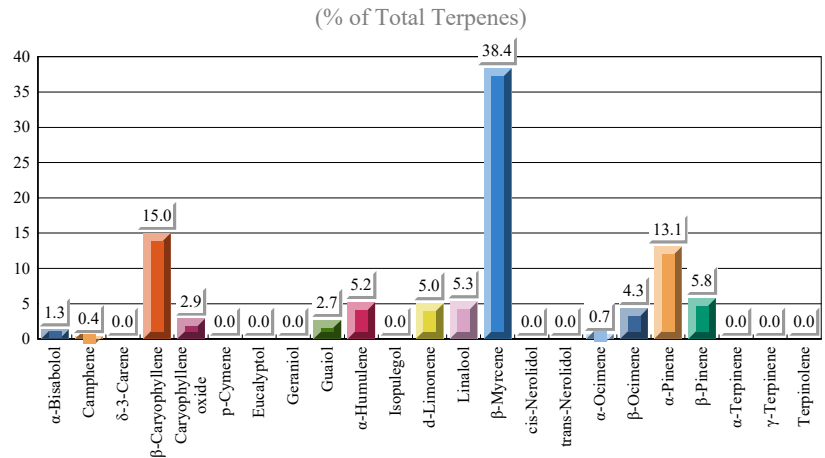
Method: HS/GC/MS (Internal Method-002)
Instrument: Agilent 7890/5975

Deviations from SOP:
None

<u>Terpene</u>	<u>Result</u> (<u>µg/g</u>)	<u>Result</u> (<u>%</u> , <u>total terpenes</u>)
α-Bisabolol	184	1.30
Camphene	51.6	0.365
δ-3-Carene	-	-
β-Caryophyllene	2123	15.0
Caryophyllene oxide	407	2.88
p-Cymene	-	-
Eucalyptol	-	-
Geraniol	-	-
Guaiol	381	2.69
α-Humulene	734	5.19
Isopulegol	-	-
d-Limonene	709	5.01
Linalool	748	5.28
β-Myrcene	5427	38.4
cis-Nerolidol	-	-
trans-Nerolidol	-	-
α-Ocimene	98.8	0.698
β-Ocimene	613	4.33
α-Pinene	1851	13.1
β-Pinene	821	5.80
α-Terpinene	-	-
γ-Terpinene	-	-
Terpinolene	-	-
TOTAL	14148	100



Terpenoid Distribution



Reporting Limit (µg/g)

7

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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