Confidence Analytics

Cannabis Analytical Chemistry Laboratory
WSLCB License # 0003 | 14797 NE 95th St, Redmond, WA 98052 | (206) 743-8843 | info@conflabs.com
Certified For: Cannabinoids | Microbiologicals | Mycotoxins | Foreign Matter
Pesticides| Heavy Metals | Terpenes | Residual Solvents | Moisture

Research and Development Certificate of Analysis

Official Test Results for Laboratory Sample # WA-240121-044

Origination:
Raven
Address:
600 Ronlee Ln NW B2
Olympia, WA 98502
Sample Name:
Flower - High Plains Drifter - (g)
Type:
Flower

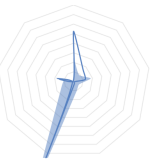
License #:
417698
UBI #:
603345723

Inventory #:
GF41769800031083
QA #:
GF41769800031082

Approved By:
T. Sasaki, Ph.D., CSO
S. Stevens, LDR
Date of Harvest:
(not provided)
Date of Reciept:
2024-01-20
Date of Testing:
2024-01-29

Pass/Fail Summary

Foreign Matter + Seeds: *NE*
Water Activity: *NE*
Residual Solvents: *NE*
Microbes: *NE*
Mycotoxins: *NE*
Pesticides: *NE*
Heavy Metals: *NE*



Cannabinoid Profile (units of measure are by weight)

CANNABINOIDS NOT EXAMINED

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ACCREDITED
CERT #5382.01

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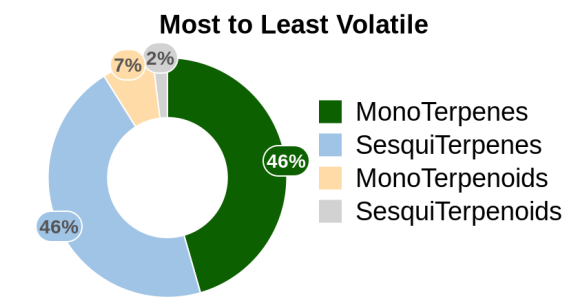
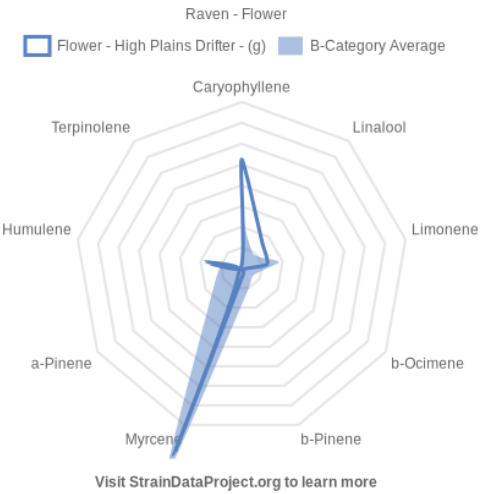
Date of Reciept: 2024-01-20, **Date of Testing:** 2024-01-29

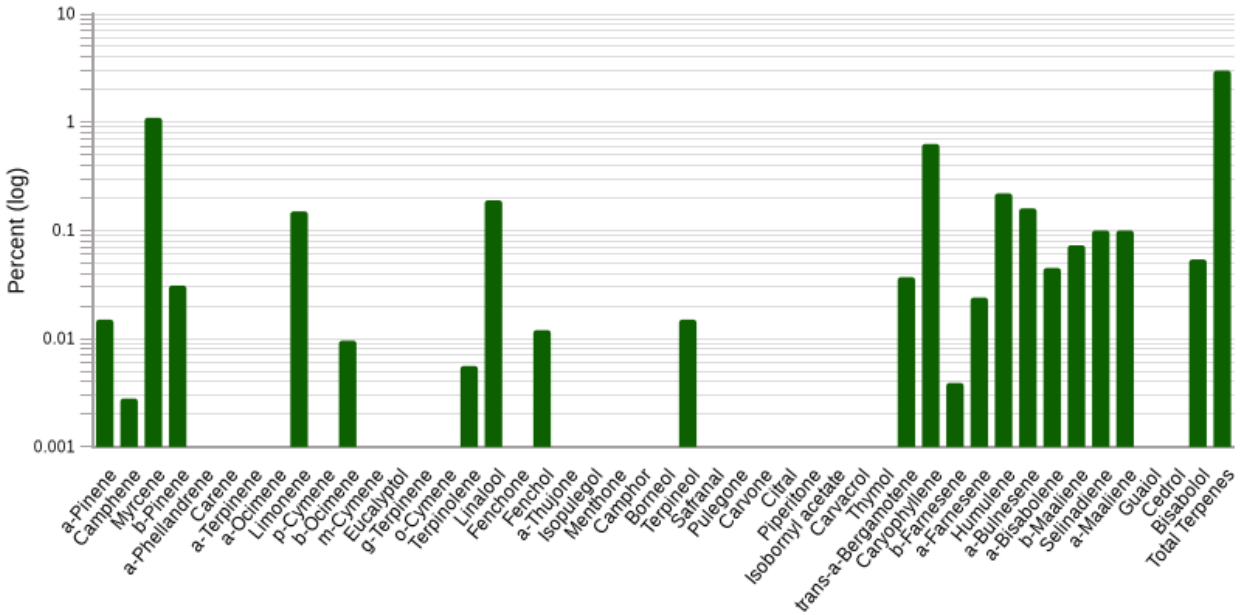
Terpene Analysis

Top Three Most Abundant Terpenes:

myrcene	**1.1%**
caryophyllene	**0.63%**
humulene	**0.22%**
total terpenes	**3%**







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Analytes

Analyte Name	Analytical Method	Concentration	Action Limit	Units	MRL	LOQ	Pass/Fail	Test Date
a-bisabolene[3]	Terpenes	450	N/A	ppm	19	37	PASS	2024-01-29
a-bulnesene[3]	Terpenes	1600	N/A	ppm	19	37	PASS	2024-01-29
a-farnesene[3]	Terpenes	240	N/A	ppm	19	37	PASS	2024-01-29
a-maaliene[3]	Terpenes	1000	N/A	ppm	19	37	PASS	2024-01-29
a-ocimene	Terpenes	< MRL	N/A	ppm	19	37	PASS	2024-01-29
a-phellandrene	Terpenes	< MRL	N/A	ppm	19	37	PASS	2024-01-29
a-pinene	Terpenes	150	N/A	ppm	19	37	PASS	2024-01-29
a-terpinene	Terpenes	< MRL	N/A	ppm	19	37	PASS	2024-01-29
a-thujone	Terpenes	< MRL	N/A	ppm	19	37	PASS	2024-01-29
b-farnesene	Terpenes	39	N/A	ppm	19	37	PASS	2024-01-29
b-maaliene[3]	Terpenes	730	N/A	ppm	19	37	PASS	2024-01-29
b-ocimene	Terpenes	96	N/A	ppm	19	37	PASS	2024-01-29
b-pinene	Terpenes	310	N/A	ppm	19	37	PASS	2024-01-29
bisabolol	Terpenes	540	N/A	ppm	19	37	PASS	2024-01-29
borneol	Terpenes	< MRL	N/A	ppm	150	300	PASS	2024-01-29
camphene	Terpenes	28[1]	N/A	ppm	19	37	PASS	2024-01-29
camphor	Terpenes	< MRL	N/A	ppm	19	37	PASS	2024-01-29
carene	Terpenes	< MRL	N/A	ppm	19	37	PASS	2024-01-29
carvacrol	Terpenes	< MRL	N/A	ppm	19	37	PASS	2024-01-29
carvone	Terpenes	< MRL	N/A	ppm	19	37	PASS	2024-01-29
caryophyllene	Terpenes	6300	N/A	ppm	19	37	PASS	2024-01-29
cedrol	Terpenes	< MRL	N/A	ppm	19	37	PASS	2024-01-29
citral	Terpenes	< MRL	N/A	ppm	19	37	PASS	2024-01-29
eucalyptol	Terpenes	< MRL	N/A	ppm	19	37	PASS	2024-01-29
fenchol	Terpenes	120	N/A	ppm	19	37	PASS	2024-01-29
fenchone	Terpenes	< MRL	N/A	ppm	19	37	PASS	2024-01-29
g-terpinene	Terpenes	< MRL	N/A	ppm	19	37	PASS	2024-01-29
guaiol	Terpenes	< MRL	N/A	ppm	19	37	PASS	2024-01-29
humulene	Terpenes	2200	N/A	ppm	19	37	PASS	2024-01-29
isobornyl acetate	Terpenes	< MRL	N/A	ppm	19	37	PASS	2024-01-29
isopulegol	Terpenes	< MRL	N/A	ppm	19	37	PASS	2024-01-29
limonene	Terpenes	1500	N/A	ppm	19	37	PASS	2024-01-29
linalool	Terpenes	1900	N/A	ppm	19	37	PASS	2024-01-29
m-cymene	Terpenes	< MRL	N/A	ppm	19	37	PASS	2024-01-29
menthone	Terpenes	< MRL	N/A	ppm	19	37	PASS	2024-01-29
myrcene	Terpenes	11000	N/A	ppm	19	37	PASS	2024-01-29
o-cymene	Terpenes	< MRL	N/A	ppm	19	37	PASS	2024-01-29
p-cymene	Terpenes	< MRL	N/A	ppm	19	37	PASS	2024-01-29

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Analytes

Analyte Name	Analytical Method	Concentration	Action Limit	Units	MRL	LOQ	Pass/Fail	Test Date
piperitone	Terpenes	< MRL	N/A	ppm	19	37	**PASS**	2024-01-29
pulegone	Terpenes	< MRL	N/A	ppm	19	37	**PASS**	2024-01-29
safranal	Terpenes	< MRL	N/A	ppm	19	37	**PASS**	2024-01-29
selinadiene[3]	Terpenes	1000	N/A	ppm	19	37	**PASS**	2024-01-29
terpineol	Terpenes	150	N/A	ppm	19	37	**PASS**	2024-01-29
terpinolene	Terpenes	56	N/A	ppm	19	37	**PASS**	2024-01-29
thymol	Terpenes	< MRL	N/A	ppm	19	37	**PASS**	2024-01-29
total terpenes[3]	Terpenes	30000	N/A	ppm			**PASS**	2024-01-29
trans-a-bergamotene[3]	Terpenes	370	N/A	ppm	19	37	**PASS**	2024-01-29

[END OF ANALYTE TABLE]

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These testing results are certified by scientific examination of a single sample provided by the Producer/Processor. Confidence Analytics and its agents did not observe or participate in the sample selection process, and cannot confirm the authenticity of the sample or its representativeness of the associated lot/batch. The sample, as received, was homogenized before subsamples were drawn for specific analyses. Pass/Fail criteria are defined in WAC 314-55-102.

This report is supplemental to any other reports with the same analytic sample number.

THCmax (a.k.a. Total THC) = d9-THC + (THC-A * 0.877)
CBDmax (a.k.a. Total CBD) = CBD + (CBD-A * 0.877)
Total Cannabinoid is a raw sum of all measured cannabinoids.
In Traceability, Total Cannabinoid is a sum of THCmax and CBDmax.
Figures may differ slightly from traceability due to rounding.

[1]Less than LOQ
[2]Greater than ULOQ
[3]Not included in ISO scope

ND = Not Detected
NE = Not Examined
MRL = Reporting Limit
<MRL = Not detected, or concentration below the MRL
LOD = Detection Limit
LOQ = Quantification Limit
ULOQ = Upper Quantification Limit

Analytical Methods Used

- Terpenes by HS-GC-FID
- Heavy Metals by ICP-MS
- Mycotoxins by LC-MS/MS
- Residual Solvents by HS-GC-MS
- Cannabinoids by UHPLC-DAD
- Foreign Material by Macroscopic Inspection
- Microbes by Plate Counting
- Moisture Content (Loss on Drying) by Loss on Drying
- LC Pesticides by LC-MS/MS
- GC Pesticides by GC-MS/MS
- Water Activity by HYDROMETER