



Confidence Analytics

Cannabis Analytical Chemistry Laboratory
 WSLCB License # 0003 | 14797 NE 95th St, Redmond, WA 98052 | (206) 743-8843 | info@confabs.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-231024-040

Origination:

License #:

Approved By:

Address:

UBI #:
604465585

T. Sasaki, Ph.D., CSO
S. Stevens, LDR

WA 98848

Inventory #:
20265847331294291

Date of Harvest:
(not provided)

Sample Name:

QA #:
WA-231024-040

Date of Receipt:
2023-10-24

Dry Sift - Burnt Oranges (Heads)

Type:

Date of Testing:
2023-10-27

Dry Sift

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)

LABEL INFO

d9-THC max

65%, 650mg/g

650mg/unit

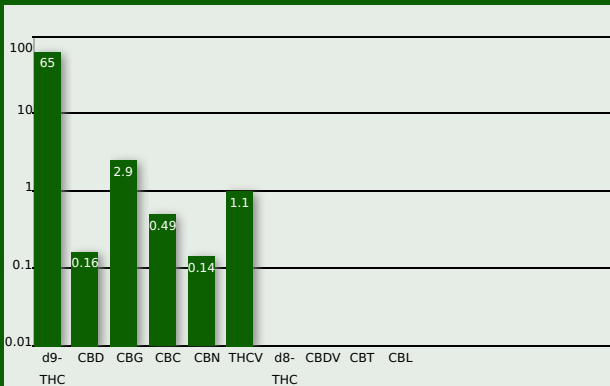
CBD max

0.16%, 1.6mg/g

1.6mg/unit

Total Canna. (raw sum): 79%, 790mg/g, 790mg/unit

*Calculated with a default Unit Size of 1 gram.



Total Active by Cannabinoid

ANALYTE	%	MG/G	MG/UNIT*
cbc	ND	ND	ND
cbca	0.56	5.6	5.6
cbd	ND	ND	ND
cbda	0.19	1.9	1.9
cbdv	ND	ND	ND
cbdva	ND	ND	ND
cbg	0.26	2.6	2.6
cbga	3	30	30
cbl	ND	ND	ND
cbn	ND	ND	ND
cbna	0.16	1.6	1.6
cbt	ND	ND	ND
d8-thc	ND	ND	ND
d9-thc	0.8	8	8
d9-thca	73	730	730
d9-thcv	ND	ND	ND
d9-thcva	1.3	13	13





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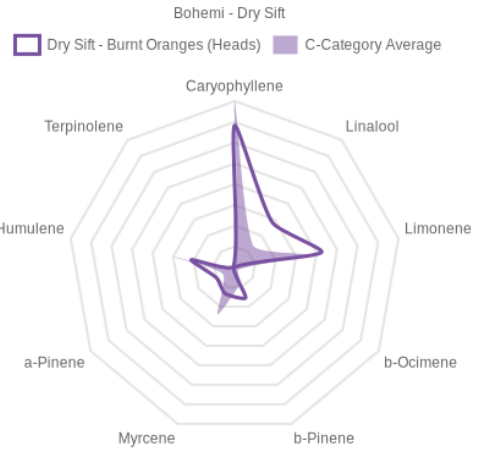
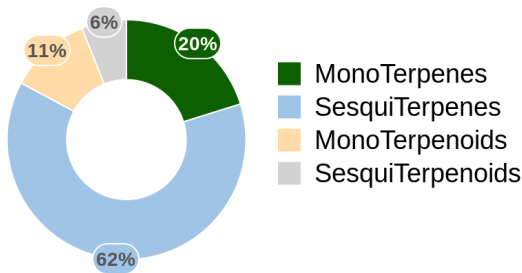
Sample: Dry Sift - Burnt Oranges (Heads), Dry Sift, **Inv #:** 20265847331294291, **QA #:** WA-231024-040
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Terpene Analysis

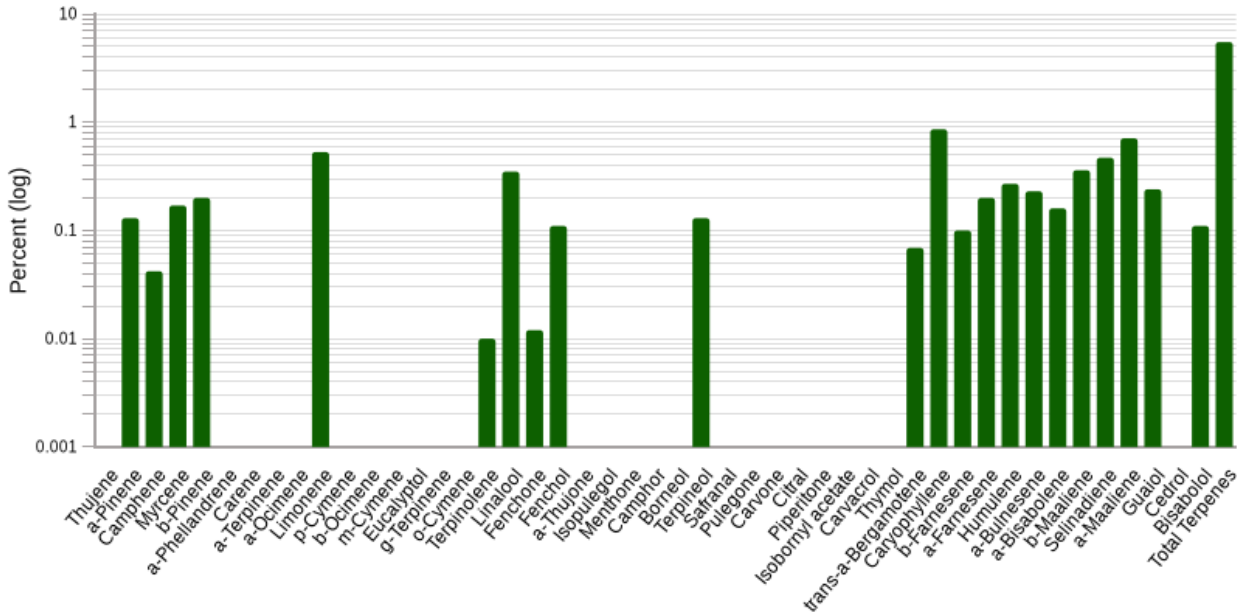
Top Three Most Abundant Terpenes:

caryophyllene	0.86%
a-maaliene	0.71%
limonene	0.53%
total terpenes	5.5%

Most to Least Volatile



Visit StrainDataProject.org to learn more





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Analytes

Analyte Name	Analytical Method	Concentration	Action Limit	Units	MRL	LOQ	Pass/Fail	Test Date
cbc	Cannabinoids	< MRL	N/A	%	0.08	0.08	PASS	2023-10-27
cbca	Cannabinoids	0.56	N/A	%	0.08	0.08	PASS	2023-10-27
cbd	Cannabinoids	< MRL	N/A	%	0.08	0.08	PASS	2023-10-27
cbda	Cannabinoids	0.19	N/A	%	0.08	0.08	PASS	2023-10-27
cbdv	Cannabinoids	< MRL	N/A	%	0.08	0.08	PASS	2023-10-27
cbdva	Cannabinoids	< MRL	N/A	%	0.08	0.08	PASS	2023-10-27
cbg	Cannabinoids	0.26	N/A	%	0.08	0.08	PASS	2023-10-27
cbga	Cannabinoids	3	N/A	%	0.08	0.08	PASS	2023-10-27
cbl	Cannabinoids	< MRL	N/A	%	0.08	0.08	PASS	2023-10-27
cbn	Cannabinoids	< MRL	N/A	%	0.08	0.08	PASS	2023-10-27
cbna	Cannabinoids	0.16	N/A	%	0.08	0.08	PASS	2023-10-27
cbt	Cannabinoids	< MRL	N/A	%	0.08	0.08	PASS	2023-10-27
d8-thc	Cannabinoids	< MRL	N/A	%	0.08	0.08	PASS	2023-10-27
d9-thc	Cannabinoids	0.8	N/A	%	0.08	0.08	PASS	2023-10-27
d9-thca	Cannabinoids	73	N/A	%	0.08	0.08	PASS	2023-10-27
d9-thcv	Cannabinoids	< MRL	N/A	%	0.08	0.08	PASS	2023-10-27
d9-thcva	Cannabinoids	1.3	N/A	%	0.08	0.08	PASS	2023-10-27
raw total cannabinoids	Cannabinoids	79	N/A	%			PASS	2023-10-27
total active cbd	Cannabinoids	0.16	N/A	%			PASS	2023-10-27
total active d9-thc	Cannabinoids	65	N/A	%			PASS	2023-10-27
a-bisabolene ³	Terpenes	1600	N/A	ppm	76	150	PASS	2023-10-27
a-bulnesene ³	Terpenes	2300	N/A	ppm	76	150	PASS	2023-10-27
a-farnesene ³	Terpenes	2000	N/A	ppm	76	150	PASS	2023-10-27
a-maaliene ³	Terpenes	7100	N/A	ppm	76	150	PASS	2023-10-27
a-ocimene	Terpenes	< MRL	N/A	ppm	76	150	PASS	2023-10-27
a-phellandrene	Terpenes	< MRL	N/A	ppm	76	150	PASS	2023-10-27
a-pinene	Terpenes	1300	N/A	ppm	76	150	PASS	2023-10-27
a-terpinene	Terpenes	< MRL	N/A	ppm	76	150	PASS	2023-10-27
a-thujone	Terpenes	< MRL	N/A	ppm	76	150	PASS	2023-10-27
b-farnesene	Terpenes	1000	N/A	ppm	76	150	PASS	2023-10-27
b-maaliene ³	Terpenes	3600	N/A	ppm	76	150	PASS	2023-10-27
b-ocimene	Terpenes	< MRL	N/A	ppm	76	150	PASS	2023-10-27
b-pinene	Terpenes	2000	N/A	ppm	76	150	PASS	2023-10-27
bisabolol	Terpenes	1100	N/A	ppm	76	150	PASS	2023-10-27
borneol	Terpenes	< MRL	N/A	ppm	610	1200	PASS	2023-10-27
camphene	Terpenes	420	N/A	ppm	76	150	PASS	2023-10-27
camphor	Terpenes	< MRL	N/A	ppm	76	150	PASS	2023-10-27
carene	Terpenes	< MRL	N/A	ppm	76	150	PASS	2023-10-27





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Analytes

Analyte Name	Analytical Method	Concentration	Action Limit	Units	MRL	LOQ	Pass/Fail	Test Date
carvacrol	Terpenes	< MRL	N/A	ppm	76	150	PASS	2023-10-27
carvone	Terpenes	< MRL	N/A	ppm	76	150	PASS	2023-10-27
caryophyllene	Terpenes	8600	N/A	ppm	76	150	PASS	2023-10-27
cedrol	Terpenes	< MRL	N/A	ppm	76	150	PASS	2023-10-27
citral	Terpenes	< MRL	N/A	ppm	76	150	PASS	2023-10-27
eucalyptol	Terpenes	< MRL	N/A	ppm	76	150	PASS	2023-10-27
fenchol	Terpenes	1100	N/A	ppm	76	150	PASS	2023-10-27
fenchone	Terpenes	120 ¹	N/A	ppm	76	150	PASS	2023-10-27
g-terpinene	Terpenes	< MRL	N/A	ppm	76	150	PASS	2023-10-27
guaial	Terpenes	2400	N/A	ppm	76	150	PASS	2023-10-27
humulene	Terpenes	2700	N/A	ppm	76	150	PASS	2023-10-27
isobornyl acetate	Terpenes	< MRL	N/A	ppm	76	150	PASS	2023-10-27
isopulegol	Terpenes	< MRL	N/A	ppm	76	150	PASS	2023-10-27
limonene	Terpenes	5300	N/A	ppm	76	150	PASS	2023-10-27
linalool	Terpenes	3500	N/A	ppm	76	150	PASS	2023-10-27
m-cymene	Terpenes	< MRL	N/A	ppm	76	150	PASS	2023-10-27
menthone	Terpenes	< MRL	N/A	ppm	76	150	PASS	2023-10-27
myrcene	Terpenes	1700	N/A	ppm	76	150	PASS	2023-10-27
o-cymene	Terpenes	< MRL	N/A	ppm	76	150	PASS	2023-10-27
p-cymene	Terpenes	< MRL	N/A	ppm	76	150	PASS	2023-10-27
piperitone	Terpenes	< MRL	N/A	ppm	76	150	PASS	2023-10-27
pulegone	Terpenes	< MRL	N/A	ppm	76	150	PASS	2023-10-27
safranal	Terpenes	< MRL	N/A	ppm	76	150	PASS	2023-10-27
selinadiene ³	Terpenes	4700	N/A	ppm	76	150	PASS	2023-10-27
terpineol	Terpenes	1300	N/A	ppm	76	150	PASS	2023-10-27
terpinolene	Terpenes	100 ¹	N/A	ppm	76	150	PASS	2023-10-27
thujene ³	Terpenes	< MRL	N/A	ppm	76	150	PASS	2023-10-27
thymol	Terpenes	< MRL	N/A	ppm	76	150	PASS	2023-10-27
total terpenes ³	Terpenes	55000	N/A	ppm			PASS	2023-10-27
trans-a-bergamotene ³	Terpenes	690	N/A	ppm	76	150	PASS	2023-10-27

[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.

¹Less than LOQ

²Greater than ULOQ

³Not 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