



# 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-231024-038

**Origination:**

**License #:**

**Approved By:**

**Address:**

**UBI #:**

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

Quincy, WA 98848

604465585

**Date of Harvest:**  
*(not provided)*

**Sample Name:**

**Inventory #:**

**Date of Receipt:**

Dry Sift - Burnt Oranges (Postive Charge)

20265847337195834

2023-10-24

**Type:**

**QA #:**

**Date of Testing:**

Dry Sift

WA-231024-038

2023-10-27

### 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)

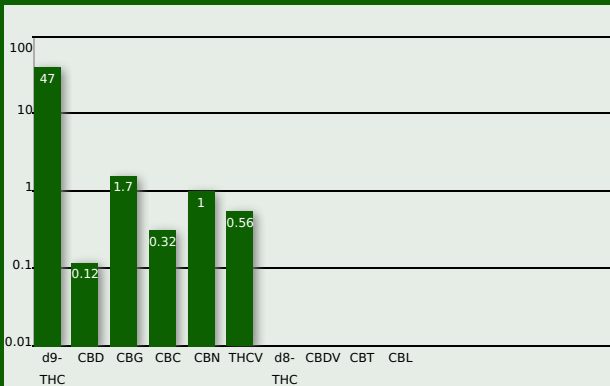
#### LABEL INFO

**d9-THC max**  
**47%, 470mg/g**  
**470mg/unit**

**CBD max**  
**0.12%, 1.2mg/g**  
**1.2mg/unit**

**Total Canna. (raw sum): 57%, 570mg/g, 570mg/unit**

*\*Calculated with a default Unit Size of 1 gram.*



**Total Active by Cannabinoid**

ANALYTE	%	MG/G	MG/UNIT*
cbc	ND	ND	ND
cbca	0.37	3.7	3.7
cbd	ND	ND	ND
cbda	0.14	1.4	1.4
cbdv	ND	ND	ND
cbdva	ND	ND	ND
cbg	0.35	3.5	3.5
cbga	1.5	15	15
cbl	ND	ND	ND
cbn	0.23	2.3	2.3
cbna	0.89	8.9	8.9
cbt	ND	ND	ND
d8-thc	ND	ND	ND
d9-thc	3.3	33	33
d9-thca	49	490	490
d9-thcv	ND	ND	ND
d9-thcva	0.63	6.3	6.3





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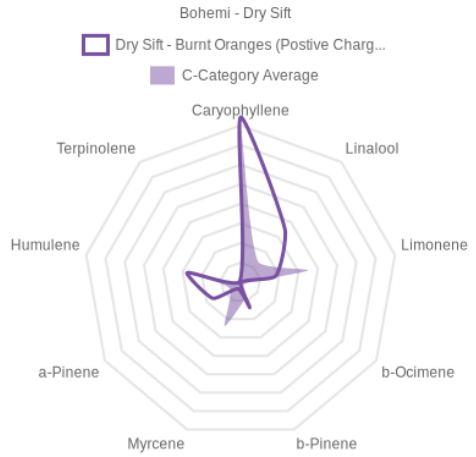
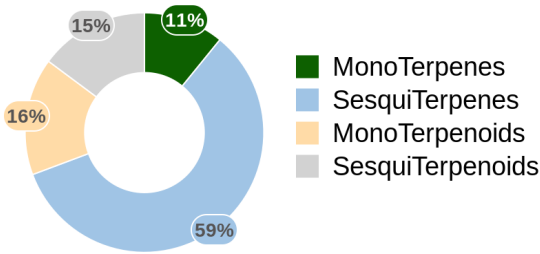
**Sample:** Dry Sift - Burnt Oranges (Postive Charge), Dry Sift, **Inv #:** 20265847337195834, **QA #:** WA-231024-038  
**Date of Receipt:** 2023-10-24, **Date of Testing:** 2023-10-27

### Terpene Analysis

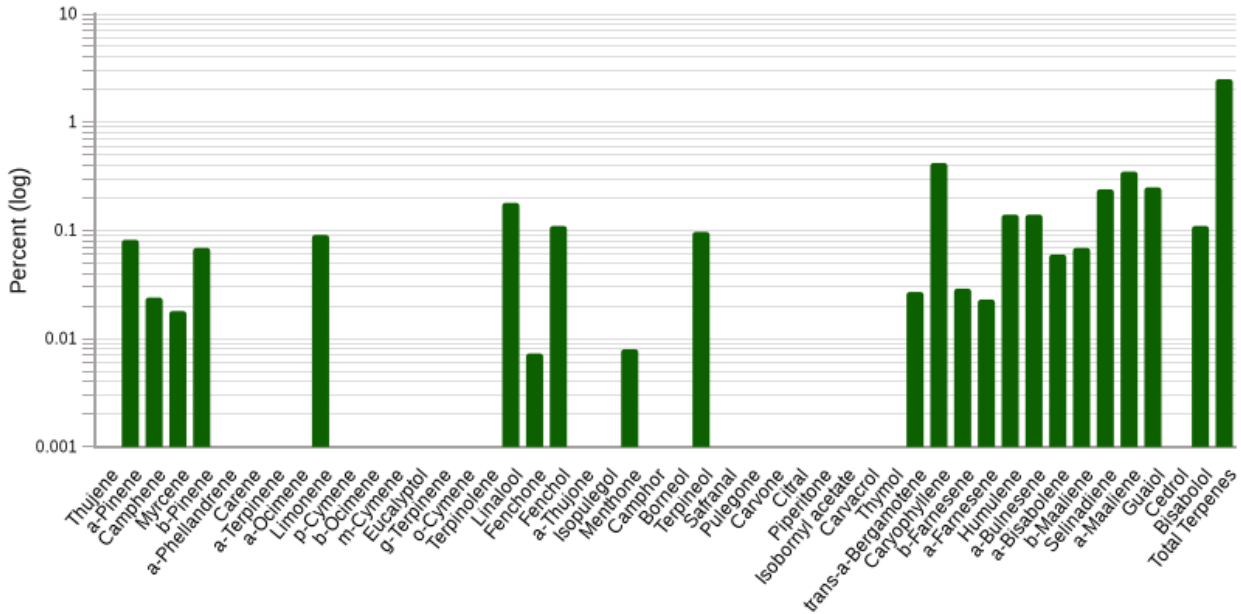
#### Top Three Most Abundant Terpenes:

<b>caryophyllene</b>	<b>0.42%</b>
<b>a-maaliene</b>	<b>0.35%</b>
<b>guaial</b>	<b>0.25%</b>
<b>total terpenes</b>	<b>2.5%</b>

#### Most to Least Volatile



Visit [StrainDataProject.org](http://StrainDataProject.org) to learn more





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**Date of Receipt:** 2023-10-24, **Date of Testing:** 2023-10-27

## Analytes

Analyte Name	Analytical Method	Concentration	Action Limit	Units	MRL	LOQ	Pass/Fail	Test Date
cbc	Cannabinoids	< MRL	N/A	%	0.063	0.063	PASS	2023-10-27
cbca	Cannabinoids	0.37	N/A	%	0.063	0.063	PASS	2023-10-27
cbd	Cannabinoids	< MRL	N/A	%	0.063	0.063	PASS	2023-10-27
cbda	Cannabinoids	0.14	N/A	%	0.063	0.063	PASS	2023-10-27
cbdv	Cannabinoids	< MRL	N/A	%	0.063	0.063	PASS	2023-10-27
cbdva	Cannabinoids	< MRL	N/A	%	0.063	0.063	PASS	2023-10-27
cbg	Cannabinoids	0.35	N/A	%	0.063	0.063	PASS	2023-10-27
cbga	Cannabinoids	1.5	N/A	%	0.063	0.063	PASS	2023-10-27
cbl	Cannabinoids	< MRL	N/A	%	0.063	0.063	PASS	2023-10-27
cbn	Cannabinoids	0.23	N/A	%	0.063	0.063	PASS	2023-10-27
cbna	Cannabinoids	0.89	N/A	%	0.063	0.063	PASS	2023-10-27
cbt	Cannabinoids	< MRL	N/A	%	0.063	0.063	PASS	2023-10-27
d8-thc	Cannabinoids	< MRL	N/A	%	0.063	0.063	PASS	2023-10-27
d9-thc	Cannabinoids	3.3	N/A	%	0.063	0.063	PASS	2023-10-27
d9-thca	Cannabinoids	49	N/A	%	0.063	0.063	PASS	2023-10-27
d9-thcv	Cannabinoids	< MRL	N/A	%	0.063	0.063	PASS	2023-10-27
d9-thcva	Cannabinoids	0.63	N/A	%	0.063	0.063	PASS	2023-10-27
raw total cannabinoids	Cannabinoids	57	N/A	%			PASS	2023-10-27
total active cbd	Cannabinoids	0.12	N/A	%			PASS	2023-10-27
total active d9-thc	Cannabinoids	47	N/A	%			PASS	2023-10-27
a-bisabolene <sup>3</sup>	Terpenes	600	N/A	ppm	63	130	PASS	2023-10-27
a-bulnesene <sup>3</sup>	Terpenes	1400	N/A	ppm	63	130	PASS	2023-10-27
a-farnesene <sup>3</sup>	Terpenes	230	N/A	ppm	63	130	PASS	2023-10-27
a-maaliene <sup>3</sup>	Terpenes	3500	N/A	ppm	63	130	PASS	2023-10-27
a-ocimene	Terpenes	< MRL	N/A	ppm	63	130	PASS	2023-10-27
a-phellandrene	Terpenes	< MRL	N/A	ppm	63	130	PASS	2023-10-27
a-pinene	Terpenes	820	N/A	ppm	63	130	PASS	2023-10-27
a-terpinene	Terpenes	< MRL	N/A	ppm	63	130	PASS	2023-10-27
a-thujone	Terpenes	< MRL	N/A	ppm	63	130	PASS	2023-10-27
b-farnesene	Terpenes	290	N/A	ppm	63	130	PASS	2023-10-27
b-maaliene <sup>3</sup>	Terpenes	690	N/A	ppm	63	130	PASS	2023-10-27
b-ocimene	Terpenes	< MRL	N/A	ppm	63	130	PASS	2023-10-27
b-pinene	Terpenes	690	N/A	ppm	63	130	PASS	2023-10-27
bisabolol	Terpenes	1100	N/A	ppm	63	130	PASS	2023-10-27
borneol	Terpenes	< MRL	N/A	ppm	500	1000	PASS	2023-10-27
camphene	Terpenes	240	N/A	ppm	63	130	PASS	2023-10-27
camphor	Terpenes	< MRL	N/A	ppm	63	130	PASS	2023-10-27
carene	Terpenes	< MRL	N/A	ppm	63	130	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	63	130	PASS	2023-10-27
carvone	Terpenes	< MRL	N/A	ppm	63	130	PASS	2023-10-27
caryophyllene	Terpenes	4200	N/A	ppm	63	130	PASS	2023-10-27
cedrol	Terpenes	< MRL	N/A	ppm	63	130	PASS	2023-10-27
citral	Terpenes	< MRL	N/A	ppm	63	130	PASS	2023-10-27
eucalyptol	Terpenes	< MRL	N/A	ppm	63	130	PASS	2023-10-27
fenchol	Terpenes	1100	N/A	ppm	63	130	PASS	2023-10-27
fenchone	Terpenes	73 <sup>1</sup>	N/A	ppm	63	130	PASS	2023-10-27
g-terpinene	Terpenes	< MRL	N/A	ppm	63	130	PASS	2023-10-27
guaial	Terpenes	2500	N/A	ppm	63	130	PASS	2023-10-27
humulene	Terpenes	1400	N/A	ppm	63	130	PASS	2023-10-27
isobornyl acetate	Terpenes	< MRL	N/A	ppm	63	130	PASS	2023-10-27
isopulegol	Terpenes	< MRL	N/A	ppm	63	130	PASS	2023-10-27
limonene	Terpenes	910	N/A	ppm	63	130	PASS	2023-10-27
linalool	Terpenes	1800	N/A	ppm	63	130	PASS	2023-10-27
m-cymene	Terpenes	< MRL	N/A	ppm	63	130	PASS	2023-10-27
menthone	Terpenes	80 <sup>1</sup>	N/A	ppm	63	130	PASS	2023-10-27
myrcene	Terpenes	180	N/A	ppm	63	130	PASS	2023-10-27
o-cymene	Terpenes	< MRL	N/A	ppm	63	130	PASS	2023-10-27
p-cymene	Terpenes	< MRL	N/A	ppm	63	130	PASS	2023-10-27
piperitone	Terpenes	< MRL	N/A	ppm	63	130	PASS	2023-10-27
pulegone	Terpenes	< MRL	N/A	ppm	63	130	PASS	2023-10-27
safranal	Terpenes	< MRL	N/A	ppm	63	130	PASS	2023-10-27
selinadiene <sup>3</sup>	Terpenes	2400	N/A	ppm	63	130	PASS	2023-10-27
terpineol	Terpenes	970	N/A	ppm	63	130	PASS	2023-10-27
terpinolene	Terpenes	< MRL	N/A	ppm	63	130	PASS	2023-10-27
thujene <sup>3</sup>	Terpenes	< MRL	N/A	ppm	63	130	PASS	2023-10-27
thymol	Terpenes	< MRL	N/A	ppm	63	130	PASS	2023-10-27
total terpenes <sup>3</sup>	Terpenes	25000	N/A	ppm			PASS	2023-10-27
trans-a-bergamotene <sup>3</sup>	Terpenes	270	N/A	ppm	63	130	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.

<sup>1</sup>Less than LOQ

<sup>2</sup>Greater than ULOQ

<sup>3</sup>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