



Confidence Analytics®

Cannabis Analytical Chemistry Laboratory

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Origin Sample Demographics

Origin Skagit Organics 16915 Sr 20 Mount Vernon, Wa 98273 License #: 412843	Sample Name: Bulk Preserves - Orange Cake - Hybrid - DOH+	Lab Sample ID: WA-250422-008	
Parent Batch ID: 17370564326185292	Product Type: Flower	Date of Collection: Unknown	Serving / Package Wt: N/A / N/A
Origin Sample ID: 17370564326185292	Matrix Type: GPM	Date of Receipt: 2025-04-22	Sample Size: 8 g
	Category: Harvested Material Flower Lot	Date of Completion: 2025-04-23	Batch Pass/Fail: ✓ PASS

Cannabinoid Analysis - summary

Total d9-THC: 16% 160mg/g **Total CBD:** 0.027% 0.27mg/g **Total Cannabinoids:** 19%

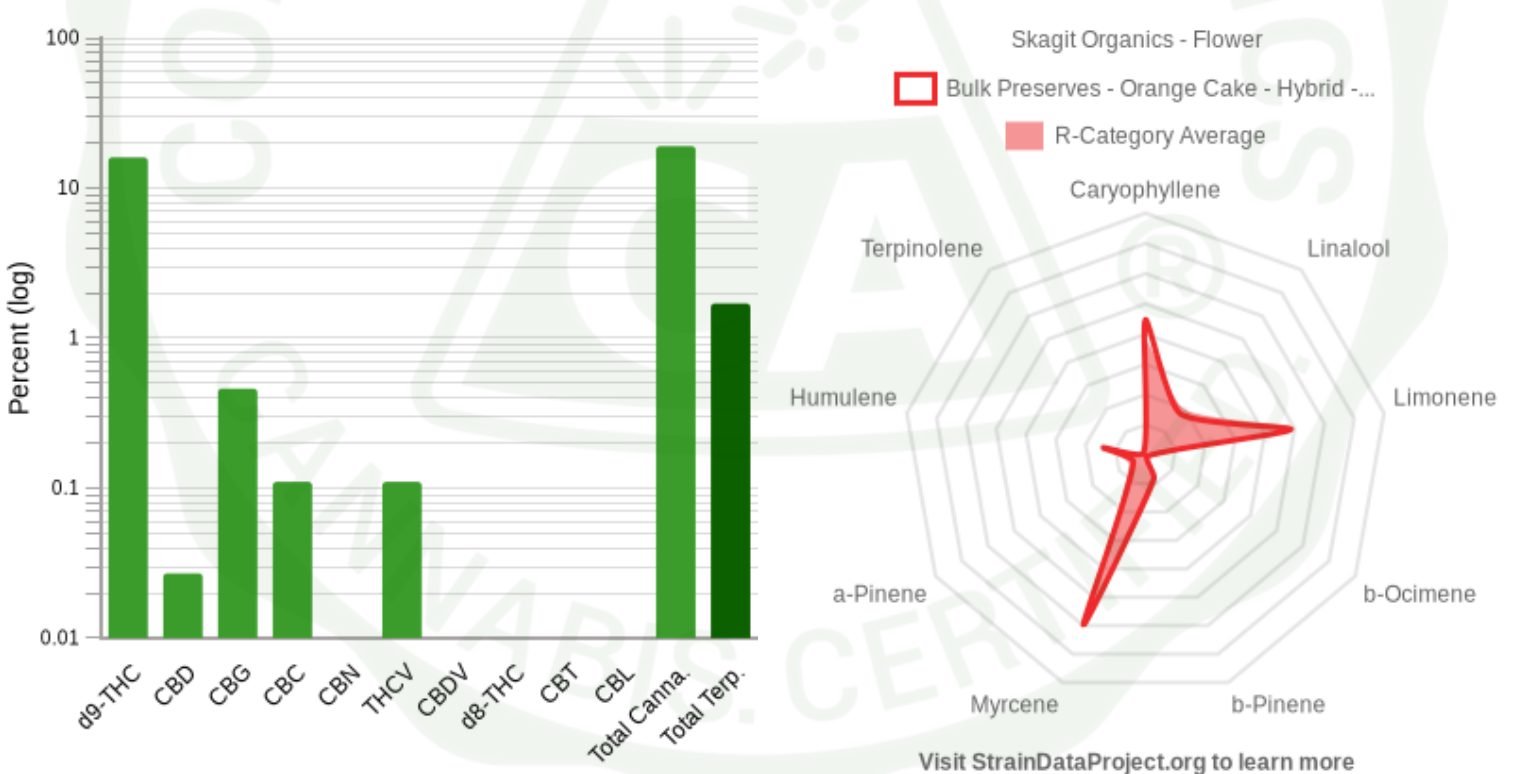
Terpene Analysis - summary

Total Terpenes: 1.7 % **Top Three:** **Myrcene:** 0.4 % **Limonene:** 0.32 % **Caryophyllene:** 0.3 %

Safety Analysis - summary

Foreign Matter ✓ **PASS** **Heavy Metals** ✓ **PASS** **Microbial** ✓ **PASS** **Mycotoxins** ✓ **PASS** **Pesticides** ✓ **PASS** **Solvents** NT **Water Activity** ✓ **PASS**

Cannabinoid Profile Strain Compass





Certificate of Analysis

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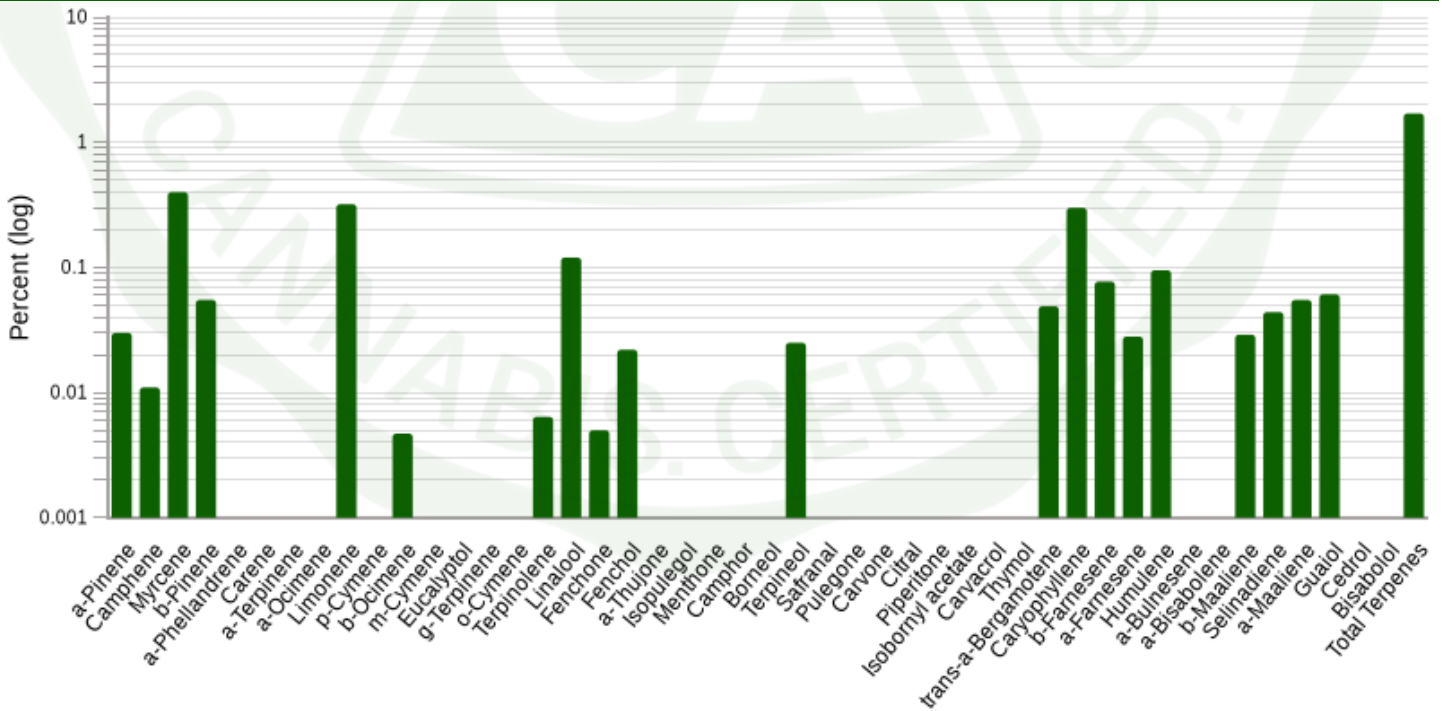


Cannabinoids - Potency

2025-04-23

Analyte Name	%	mg/g	mg/serving	mg/package	LoD/LoQ (%)
Total Cannabinoids	19	190	N/A	N/A	N/A / N/A
Total THC	16	160	N/A	N/A	N/A / N/A
Total CBD	0.027	0.27	N/A	N/A	N/A / N/A
d9-thc	0.15	1.5	N/A	N/A	0.022 / 0.022
d9-thca	18	180	N/A	N/A	0.022 / 0.022
cbd	ND	ND	N/A	N/A	0.022 / 0.022
cbda	0.03	0.3	N/A	N/A	0.022 / 0.022
cbc	ND	ND	N/A	N/A	0.022 / 0.043
cbca	0.13	1.3	N/A	N/A	0.022 / 0.043
cbdv	ND	ND	N/A	N/A	0.022 / 0.043
cbdva	ND	ND	N/A	N/A	0.022 / 0.043
cbg	0.12	1.2	N/A	N/A	0.022 / 0.043
cbga	0.39	3.9	N/A	N/A	0.022 / 0.043
cbl	ND	ND	N/A	N/A	0.022 / 0.043
cbn	ND	ND	N/A	N/A	0.022 / 0.043
cbna	ND	ND	N/A	N/A	0.022 / 0.043
cbt	ND	ND	N/A	N/A	0.022 / 0.043
d8-thc	ND	ND	N/A	N/A	0.022 / 0.043
d9-thcv	ND	ND	N/A	N/A	0.022 / 0.043
d9-thcva	0.12	1.2	N/A	N/A	0.022 / 0.043

Terpene Profile





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Terpenes³

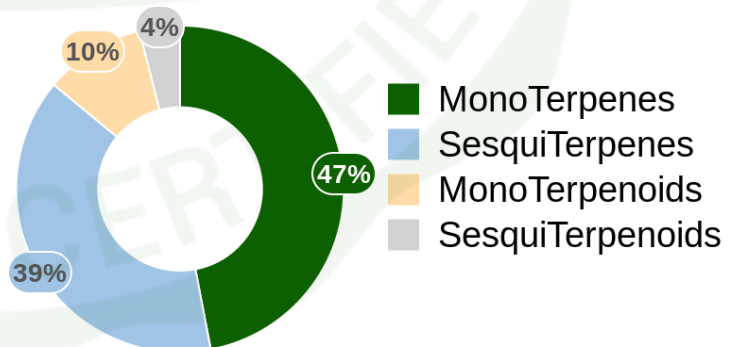
2025-04-23

Analyte Name	Result (ppm)	lod/loq (ppm)	
a-bisabolene ²	ND	43 / 87	PASS
a-bulnesene ²	ND	43 / 87	PASS
a-farnesene ²	280	43 / 87	PASS
a-maaliene ²	550	43 / 87	PASS
a-ocimene	ND	43 / 87	PASS
a-phellandrene	ND	43 / 87	PASS
a-pinene	300	43 / 87	PASS
a-terpinene	ND	43 / 87	PASS
a-thujone	ND	43 / 87	PASS
b-farnesene	770	87 / 170	PASS
b-maaliene ²	290	43 / 87	PASS
b-ocimene	<LOQ	43 / 87	PASS
b-pinene	550	43 / 87	PASS
bisabolol	ND	43 / 87	PASS
borneol	ND	170 / 350	PASS
camphene	110	43 / 87	PASS
camphor	ND	43 / 87	PASS
carene	ND	43 / 87	PASS
carvacrol	ND	43 / 87	PASS
carvone	ND	43 / 87	PASS
caryophyllene	3000	43 / 87	PASS
cedrol	ND	43 / 87	PASS
citral	ND	87 / 170	PASS
eucalyptol	ND	43 / 87	PASS
fenchol	220	87 / 170	PASS
fenchone	<LOQ	43 / 87	PASS
g-terpinene	ND	43 / 87	PASS
guaial	610	43 / 87	PASS
humulene	950	43 / 87	PASS
isobornyl acetate	ND	43 / 87	PASS

Terpenes continued

Analyte Name	Result (ppm)	lod/loq (ppm)	
isopulegol	ND	87 / 170	PASS
limonene	3200	43 / 87	PASS
linalool	1200	43 / 87	PASS
m-cymene	ND	43 / 87	PASS
menthone	ND	43 / 87	PASS
myrcene	4000	170 / 350	PASS
o-cymene	ND	43 / 87	PASS
p-cymene	ND	43 / 87	PASS
piperitone	ND	43 / 87	PASS
pulegone	ND	87 / 170	PASS
safranal	ND	43 / 87	PASS
selinadiene ²	440	43 / 87	PASS
terpineol	250	43 / 87	PASS
terpinolene	<LOQ	43 / 87	PASS
thymol	ND	43 / 87	PASS
trans-a-bergamotene ²	490	43 / 87	PASS
total terpenes ²	17000	NA / NA	PASS

Most to Least Volatile





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Foreign Material 2025-04-23

Analyte Name (Boolean)	Result	LoD/LoQ/AL	(Pass/Fail)
i.h.e. (fail if detected)	ND	N/A / N/A / N/A	Pass
seeds & other (%)	ND	N/A / N/A / 2	Pass
stems (%)	ND	N/A / N/A / 5	Pass

GCMS Pesticides 2025-04-23

Analyte Name (ppm)	Result	LoD/LoQ/AL	(Pass/Fail)
chlorfenapyr	ND	0.75 / 0.75 / 1	Pass
chlorpyrifos	ND	0.15 / 0.15 / 0.2	Pass
cyfluthrin	ND	0.75 / 0.75 / 1	Pass
cypermethrin	ND	0.75 / 0.75 / 1	Pass
methyl parathion	ND	0.15 / 0.15 / 0.2	Pass
mgk 264 a	ND	0.11 / 0.11 / 0.2	Pass
mgk 264 b	ND	0.1 / 0.1 / 0.2	Pass
ortho-para-DDE	ND	0.08 / 0.08 / 0.1	Pass
total mgk 264	ND	N/A / N/A / 0.2	Pass

Heavy Metals 2025-04-23

Analyte Name (ppm)	Result	LoD/LoQ/AL	(Pass/Fail)
as	ND	1 / 1 / 2	Pass
cd	ND	0.4 / 0.4 / 0.82	Pass
hg	ND	0.3 / 0.3 / 0.4	Pass
pb	ND	0.5 / 0.5 / 1.2	Pass

LCMS Pesticides 2025-04-23

Analyte Name (ppm)	Result	LoD/LoQ/AL	(Pass/Fail)
acephate	ND	0.04 / 0.08 / 0.4	Pass
acequinocyl	ND	0.48 / 0.48 / 2	Pass
acetamiprid	ND	0.04 / 0.08 / 0.2	Pass
aldicarb	ND	0.04 / 0.08 / 0.4	Pass
avermectin b1a	ND	0.08 / 0.08 / 0.5	Pass
avermectin b1b	ND	0.08 / 0.08 / 0.5	Pass
azoxystrobin	ND	0.04 / 0.08 / 0.2	Pass
bifenazate	ND	0.04 / 0.04 / 0.2	Pass
bifenthrin	ND	0.02 / 0.04 / 0.2	Pass
boscalid	ND	0.04 / 0.08 / 0.4	Pass
carbaryl	ND	0.04 / 0.08 / 0.2	Pass
carbofuran	ND	0.04 / 0.08 / 0.2	Pass
chlorantraniliprole	ND	0.04 / 0.08 / 0.2	Pass
cis-permethrin	ND	0.04 / 0.08 / 0.2	Pass
clofentezine	ND	0.04 / 0.08 / 0.2	Pass
daminozide	ND	0.24 / 0.48 / 1	Pass
diazinon	ND	0.04 / 0.08 / 0.2	Pass
dichlorvos	ND	0.075 / 0.075 / 0.1	Pass
dimethoate	ND	0.04 / 0.08 / 0.2	Pass
ethoprophos	ND	0.04 / 0.08 / 0.2	Pass
etofenprox	ND	0.04 / 0.08 / 0.4	Pass
etoxazole	ND	0.04 / 0.08 / 0.2	Pass
fenoxycarb	ND	0.04 / 0.08 / 0.2	Pass
fenpyroximate	ND	0.04 / 0.08 / 0.4	Pass
fipronil	ND	0.08 / 0.08 / 0.4	Pass
flonicamid	ND	0.24 / 0.48 / 1	Pass
fludioxonil	ND	0.04 / 0.08 / 0.4	Pass
hexythiazox	ND	0.08 / 0.16 / 1	Pass
imazalil	ND	0.04 / 0.08 / 0.2	Pass
imidacloprid	ND	0.04 / 0.04 / 0.4	Pass
kresoxim-methyl	ND	0.08 / 0.08 / 0.4	Pass
malathion	ND	0.04 / 0.08 / 0.2	Pass
metalaxyl	ND	0.08 / 0.08 / 0.2	Pass
methiocarb	ND	0.04 / 0.08 / 0.2	Pass
methomyl	ND	0.04 / 0.08 / 0.4	Pass
myclobutanil	ND	0.04 / 0.04 / 0.2	Pass

naled	ND	0.04 / 0.08 / 0.5	Pass
oxamyl	ND	0.04 / 0.08 / 1	Pass
paclobutrazol	ND	0.04 / 0.04 / 0.4	Pass
phosmet	ND	0.04 / 0.08 / 0.2	Pass
piperonyl butoxide	ND	0.04 / 0.08 / 2	Pass
prallethrin	ND	0.04 / 0.08 / 0.2	Pass
propiconazole	ND	0.15 / 0.15 / 0.4	Pass
propoxur	ND	0.08 / 0.08 / 0.2	Pass
pyrethrin i	ND	0.08 / 0.08 / 1	Pass
pyrethrin ii	ND	0.04 / 0.08 / 1	Pass
pyridaben	ND	0.04 / 0.08 / 0.2	Pass
spinosad a	ND	0.02 / 0.04 / 0.2	Pass
spinosad d	ND	0.02 / 0.04 / 0.2	Pass
spiromesifen	ND	0.04 / 0.08 / 0.2	Pass
spirotetramat	ND	0.04 / 0.08 / 0.2	Pass
spiroxamine	ND	0.04 / 0.08 / 0.4	Pass
tebuconazole	ND	0.04 / 0.08 / 0.4	Pass
thiacloprid	ND	0.04 / 0.08 / 0.2	Pass
thiamethoxam	ND	0.04 / 0.08 / 0.2	Pass
trans-permethrin	ND	0.04 / 0.08 / 0.2	Pass
trifloxystrobin	ND	0.08 / 0.08 / 0.2	Pass
total abamectin	ND	N/A / N/A / 0.5	Pass
total permethrins	ND	N/A / N/A / 0.2	Pass
total pyrethrins	ND	N/A / N/A / 1	Pass
total spinosads	ND	N/A / N/A / 0.2	Pass

Microbial 2025-04-23

Analyte Name (CFU/g)	Result	LoD/LoQ/AL	(Pass/Fail)
btgn	ND	5000 / 5000 / 10000	Pass
e coli	ND	N/A / N/A / N/A	Pass
salmonella	ND	N/A / N/A / N/A	Pass

Mycotoxins 2025-04-23

Analyte Name (ppb)	Result	LoD/LoQ/AL	(Pass/Fail)
aflatoxin b1	ND	5 / 5 / 20	Pass
aflatoxin b2	ND	5 / 5 / 20	Pass
aflatoxin g1	ND	5 / 5 / 20	Pass
aflatoxin g2	ND	5 / 5 / 20	Pass
ochratoxin a	ND	10 / 10 / 20	Pass
total aflatoxins	ND	N/A / N/A / 20	Pass

Water Activity 2025-04-23

Analyte Name (aw)	Result	LoD/LoQ/AL	(Pass/Fail)
water activity	<LOQ	0.35 / 0.35 / 0.65	Pass

[END OF ANALYTES]





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Attestation & Accuracy Review

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](#) and [WAC 314-55-108](#)

Calculations:

Total THC = d9-THC + (THC-A * 0.877)

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 Total THC and Total CBD.

Figures may differ slightly from traceability due to rounding.

Definitions:

ND = Not Detected

NT = Not Tested

LOD = Detection Limit

LOQ = Lower Quantification Limit

ULOQ = Upper Quantification Limit

AL = Action Limit

N/A = Not Applicable

GPM = Green Plant Material

CONC = Concentrate

ISL = Infused Solid or Liquid

¹Greater than ULOQ

²Not included in A2LA scope of Accreditation

³WSDA Accreditation not available for this analyte

Analytical Methods Used:

Cannabinoids by UHPLC-DAD

Terpenes by HS-GC-FID/MS³

Residual Solvents by HS-GC-MS

LCMS Pesticides by LC-MS/MS

GCMS Pesticides by GC-MS/MS

Mycotoxins by LC-MS/MS

Microbes by Plate Counting

Heavy Metals by ICP-MS

Foreign Material by Macroscopic Inspection

Water Activity by HYGROMETER

Certifying Scientist: Joe Dillon

Material Amendments

No material amendments recorded for this sample.

