



Confidence Analytics®

Cannabis Analytical Chemistry Laboratory

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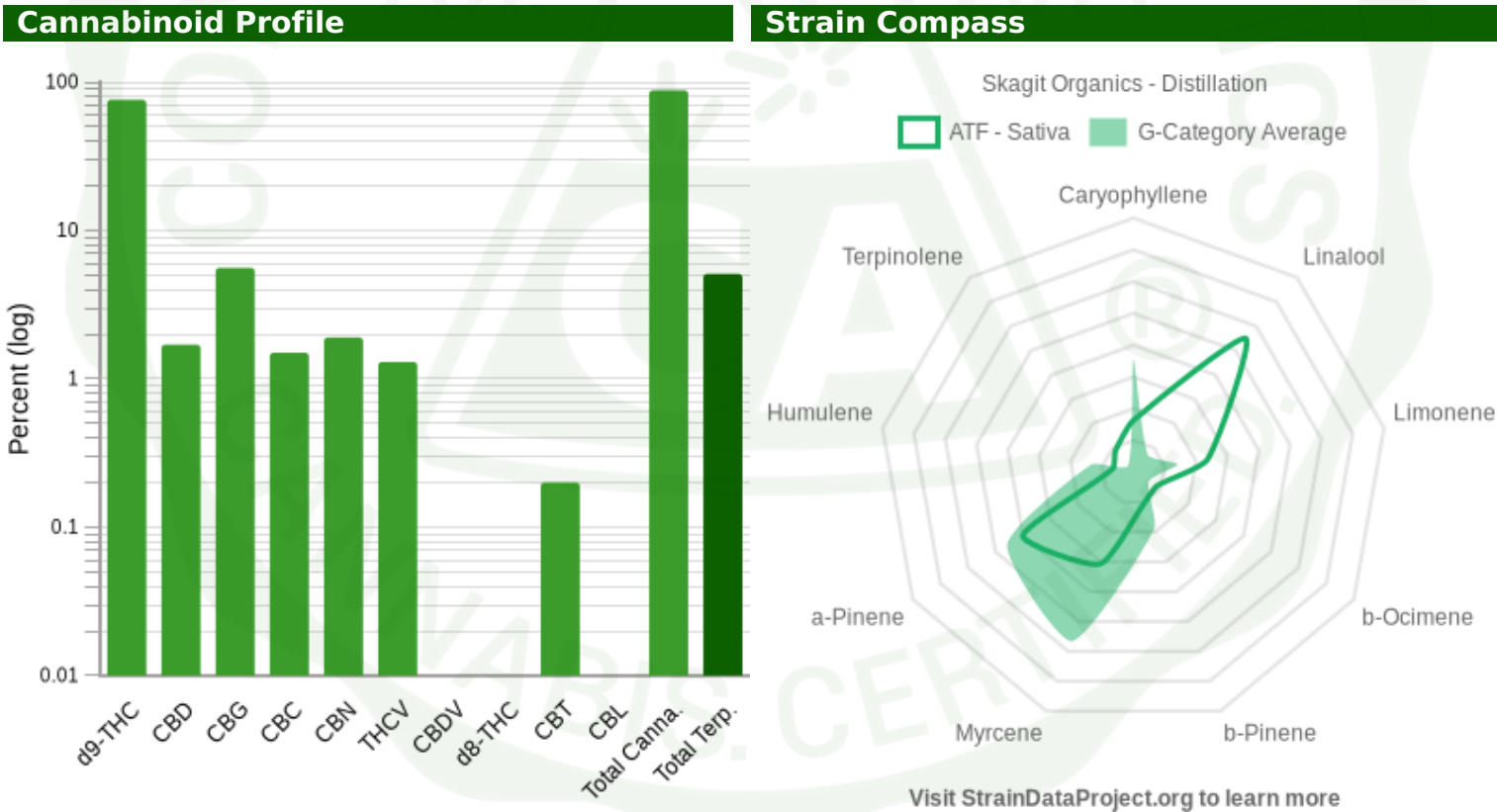


Origin		Sample Demographics		
Skagit Organics 16915 Sr 20 Mount Vernon, Wa 98273 License #: 412843		Name: ATF - Sativa	Product Type: Distillation	Date of Collection: N/A
Parent Batch ID: 17378846384973971		Origin Sample ID: 17378846384973971	Date of Receipt: 2024-10-07	Serving / Package Wt: N/A / N/A
Parent Batch Size: N/A		Lab Sample ID: WA-241008-010	Date of Completion: 2024-10-09	Density: N/A
		Batch Pass/Fail: ✓ PASS		

Cannabinoid Analysis - summary		
Total d9-THC: 76% 760mg/g	Total CBD: 1.7% 17mg/g	Total Cannabinoids: 88%

Terpene Analysis - summary				
Total Terpenes: 5.1 %	Top Three:	Linalool: 1.1 %	A-pinene: 0.84 %	Myrcene: 0.64 %

Safety Analysis - summary						
Foreign Matter NT	Heavy Metals ✓ PASS	Microbial NT	Mycotoxins ✓ PASS	Pesticides ✓ PASS	Solvents ✓ PASS	Water Activity NT

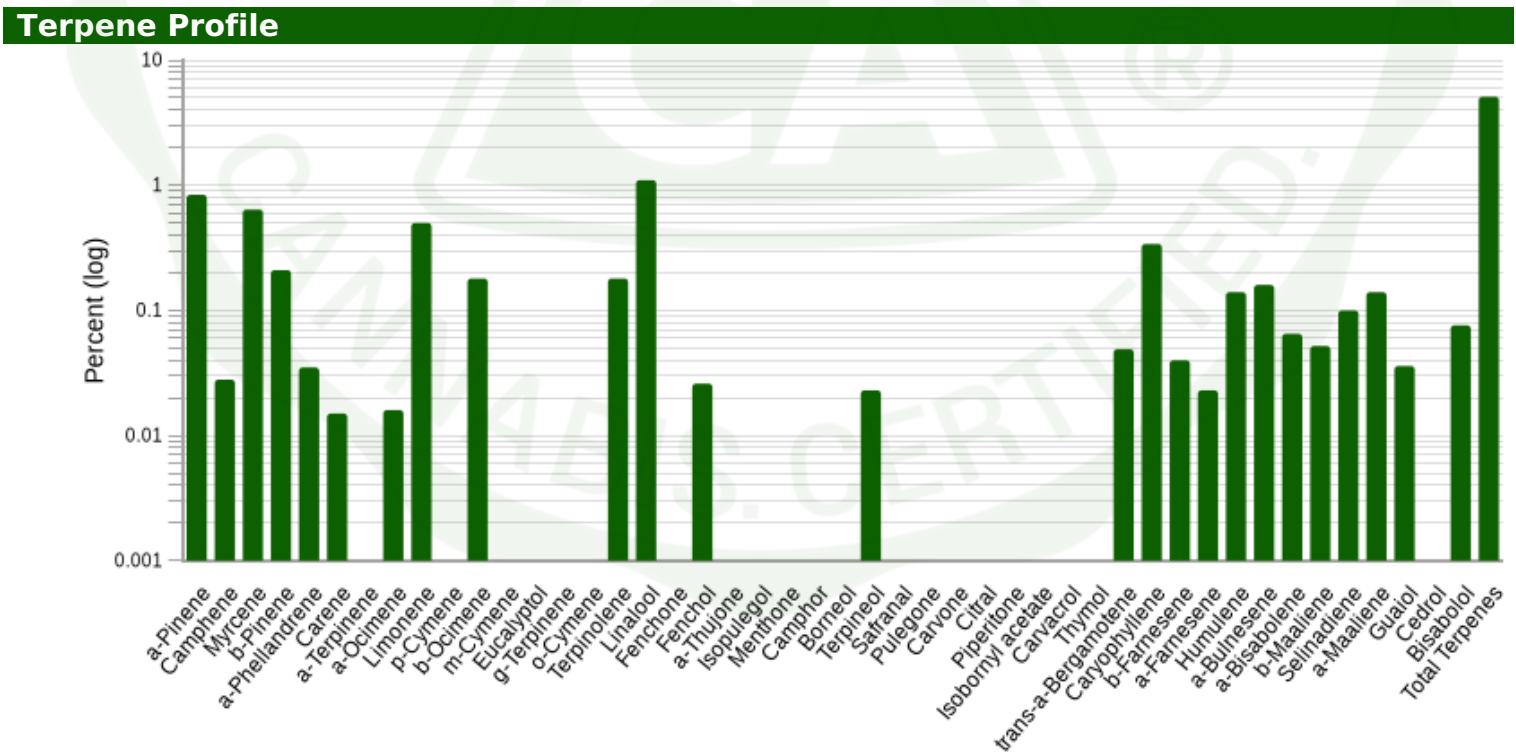




Certificate of Analysis
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Cannabinoids - Potency					2024-10-09
Analyte Name	%	mg/g	mg/serving	mg/package	LoD/LoQ (%)
Total Cannabinoids	88	880	N/A	N/A	N/A / N/A
Total THC	76	760	N/A	N/A	N/A / N/A
Total CBD	1.7	17	N/A	N/A	N/A / N/A
d9-thc	76	760	N/A	N/A	0.06 / 0.06
d9-thca	ND	ND	N/A	N/A	0.06 / 0.06
cbd	1.7	17	N/A	N/A	0.06 / 0.06
cbda	ND	ND	N/A	N/A	0.06 / 0.06
cbc	1.5	15	N/A	N/A	0.06 / 0.12
cbca	ND	ND	N/A	N/A	0.06 / 0.12
cbdv	ND	ND	N/A	N/A	0.06 / 0.12
cbdva	ND	ND	N/A	N/A	0.06 / 0.12
cbg	5.6	56	N/A	N/A	0.06 / 0.12
cbga	ND	ND	N/A	N/A	0.06 / 0.12
cbl	ND	ND	N/A	N/A	0.06 / 0.12
cbn	1.9	19	N/A	N/A	0.06 / 0.12
cbna	ND	ND	N/A	N/A	0.06 / 0.12
cbt	0.2	2	N/A	N/A	0.06 / 0.12
d8-thc	ND	ND	N/A	N/A	0.06 / 0.12
d9-thcv	1.3	13	N/A	N/A	0.06 / 0.12
d9-thcva	ND	ND	N/A	N/A	0.06 / 0.12



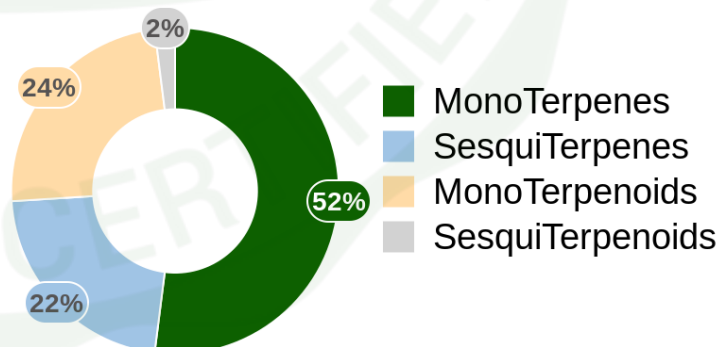


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Terpenes				2024-10-09				Terpenes continued			
Analyte Name	Result (ppm)	lod/loq (ppm)			Analyte Name	Result (ppm)	lod/loq (ppm)				
a-bisabolene ²	650	120 / 240		PASS	isopulegol	ND	120 / 240		PASS		
a-bulnesene ²	1600	120 / 240		PASS	limonene	5000	120 / 240		PASS		
a-farnesene ²	<LOQ	120 / 240		PASS	linalool	11000	120 / 240		PASS		
a-maaliene ²	1400	120 / 240		PASS	m-cymene	ND	120 / 240		PASS		
a-ocimene	<LOQ	120 / 240		PASS	menthone	ND	120 / 240		PASS		
a-phellandrene	350	120 / 240		PASS	myrcene	6400	120 / 240		PASS		
a-pinene	8400	120 / 240		PASS	o-cymene	ND	120 / 240		PASS		
a-terpinene	ND	120 / 240		PASS	p-cymene	ND	120 / 240		PASS		
a-thujone	ND	120 / 240		PASS	piperitone	ND	120 / 240		PASS		
b-farnesene	400	120 / 240		PASS	pulegone	ND	120 / 240		PASS		
b-maaliene ²	520	120 / 240		PASS	safranal	ND	120 / 240		PASS		
b-ocimene	1800	120 / 240		PASS	selinadiene ²	1000	120 / 240		PASS		
b-pinene	2100	120 / 240		PASS	terpineol	<LOQ	120 / 240		PASS		
bisabolol	760	120 / 240		PASS	terpinolene	1800	120 / 240		PASS		
borneol	ND	480 / 960		PASS	thymol	ND	120 / 240		PASS		
camphene	280	120 / 240		PASS	trans-a-bergamotene ²	490	120 / 240		PASS		
camphor	ND	120 / 240		PASS	total terpenes ²	51000	NA / NA		PASS		
carene	<LOQ	120 / 240		PASS							
carvacrol	ND	120 / 240		PASS							
carvone	ND	120 / 240		PASS							
caryophyllene	3400	120 / 240		PASS							
cedrol	ND	120 / 240		PASS							
citral	ND	120 / 240		PASS							
eucalyptol	ND	120 / 240		PASS							
fenchol	260	120 / 240		PASS							
fenchone	ND	120 / 240		PASS							
g-terpinene	ND	120 / 240		PASS							
guaiol	360	120 / 240		PASS							
humulene	1400	120 / 240		PASS							
isobornyl acetate	ND	120 / 240		PASS							

Most to Least Volatile





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GCMS Pesticides

2024-10-09

Analyte Name (ppm)	Result	LoD/LoQ/AL	(Pass/Fail)
chlorfenapyr	ND	0.4 / 0.4 / 1	Pass
chlorpyrifos	ND	0.1 / 0.1 / 0.2	Pass
cyfluthrin	ND	0.4 / 0.4 / 1	Pass
cypermethrin	ND	0.75 / 0.75 / 1	Pass
methyl parathion	ND	0.1 / 0.1 / 0.2	Pass
mgk 264 a	ND	0.05 / 0.05 / 0.2	Pass
mgk 264 b	ND	0.05 / 0.05 / 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

2024-10-09

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

2024-10-09

Analyte Name (ppm)	Result	LoD/LoQ/AL	(Pass/Fail)
acephate	ND	0.055 / 0.055 / 0.4	Pass
acequinocyl	ND	0.93 / 0.93 / 2	Pass
acetamiprid	ND	0.075 / 0.075 / 0.2	Pass
aldicarb	ND	0.074 / 0.074 / 0.4	Pass
avermectin b1a	ND	0.15 / 0.15 / 0.5	Pass
avermectin b1b	ND	0.15 / 0.15 / 0.5	Pass
azoxystrobin	ND	0.093 / 0.093 / 0.2	Pass
bifenazate	<LOQ	0.037 / 0.092 / 0.2	Pass
bifenthrin	ND	0.037 / 0.12 / 0.2	Pass
boscalid	ND	0.075 / 0.14 / 0.4	Pass
carbaryl	ND	0.056 / 0.056 / 0.2	Pass
carbofuran	ND	0.093 / 0.093 / 0.2	Pass
chlorantraniliprole	ND	0.061 / 0.061 / 0.2	Pass
cis-permethrin	ND	0.084 / 0.084 / 0.2	Pass
clofentezine	ND	0.12 / 0.12 / 0.2	Pass
daminozide	ND	0.37 / 0.37 / 1	Pass
diazinon	ND	0.061 / 0.061 / 0.2	Pass
dichlorvos	ND	0.07 / 0.07 / 0.1	Pass
dimethoate	ND	0.072 / 0.072 / 0.2	Pass
ethoprophos	ND	0.14 / 0.14 / 0.2	Pass
etofenprox	ND	0.11 / 0.11 / 0.4	Pass
etoxazole	ND	0.066 / 0.066 / 0.2	Pass
fenoxycarb	ND	0.089 / 0.089 / 0.2	Pass
fenpyroximate	ND	0.092 / 0.092 / 0.4	Pass
fipronil	ND	0.22 / 0.22 / 0.4	Pass
flonicamid	ND	0.19 / 0.19 / 1	Pass
fludioxonil	ND	0.1 / 0.1 / 0.4	Pass
hexythiazox	ND	0.34 / 0.34 / 1	Pass
imazalil	ND	0.093 / 0.093 / 0.2	Pass
imidacloprid	ND	0.058 / 0.058 / 0.4	Pass
kresoxim-methyl	ND	0.094 / 0.094 / 0.4	Pass
malathion	ND	0.093 / 0.093 / 0.2	Pass
metalaxyl	ND	0.07 / 0.07 / 0.2	Pass
methiocarb	ND	0.093 / 0.093 / 0.2	Pass
methomyl	ND	0.08 / 0.08 / 0.4	Pass
myclobutanil	ND	0.037 / 0.1 / 0.2	Pass
naled	ND	0.079 / 0.079 / 0.5	Pass
oxamyl	ND	0.054 / 0.054 / 1	Pass
paclobutrazol	ND	0.065 / 0.065 / 0.4	Pass
phosmet	ND	0.093 / 0.093 / 0.2	Pass
piperonyl butoxide	ND	0.037 / 0.12 / 2	Pass

prallethrin	ND	0.069 / 0.069 / 0.2	Pass
propiconazole	ND	0.17 / 0.17 / 0.4	Pass
propoxur	ND	0.085 / 0.085 / 0.2	Pass
pyrethrin i	ND	0.15 / 0.15 / 1	Pass
pyrethrin ii	ND	0.037 / 0.079 / 1	Pass
pyridaben	ND	0.067 / 0.067 / 0.2	Pass
spinosad a	ND	0.037 / 0.075 / 0.2	Pass
spinosad d	ND	0.037 / 0.037 / 0.2	Pass
spiromesifen	ND	0.13 / 0.13 / 0.2	Pass
spirotetramat	ND	0.093 / 0.093 / 0.2	Pass
spiroxamine	ND	0.076 / 0.076 / 0.4	Pass
tebuconazole	ND	0.11 / 0.11 / 0.4	Pass
thiacloprid	ND	0.076 / 0.076 / 0.2	Pass
thiamethoxam	ND	0.063 / 0.063 / 0.2	Pass
trans-permethrin	ND	0.089 / 0.089 / 0.2	Pass
trifloxystrobin	ND	0.14 / 0.14 / 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

Mycotoxins

2024-10-09

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

Residual Solvents

2024-10-09

Analyte Name (ppm)	Result	LoD/LoQ/AL	(Pass/Fail)
2,2-dimethylbutane	ND	20 / 20 / 290	Pass
2,3-dimethylbutane ²	ND	20 / 20 / 290	Pass
2-methylpentane	ND	20 / 20 / 290	Pass
3-methylpentane	ND	20 / 20 / 290	Pass
acetone	ND	500 / 500 / 5000	Pass
benzene	ND	1 / 1 / 2	Pass
chloroform	ND	1 / 1 / 2	Pass
cyclohexane	ND	50 / 50 / 3880	Pass
dichloromethane	ND	20 / 20 / 600	Pass
ethanol	ND	500 / 500 / 5000	Pass
ethyl acetate	ND	50 / 50 / 5000	Pass
iso-butane	ND	50 / 50 / 5000	Pass
iso-pentane	ND	50 / 50 / 5000	Pass
iso-propanol	ND	500 / 500 / 5000	Pass
meta/para-xylene	ND	50 / 50 / 2170	Pass
methanol	ND	500 / 500 / 3000	Pass
n-butane	ND	50 / 50 / 5000	Pass
n-heptane	ND	50 / 50 / 5000	Pass
n-hexane	ND	20 / 20 / 290	Pass
n-pentane	ND	50 / 50 / 5000	Pass
neopentane ²	ND	50 / 50 / 5000	Pass
ortho-xylene	ND	50 / 50 / 2170	Pass
propane	ND	50 / 50 / 5000	Pass
toluene	ND	50 / 50 / 890	Pass
total butanes	ND	N/A / N/A / 5000	Pass
total heptanes ²	ND	N/A / N/A / 5000	Pass
total hexanes ²	ND	N/A / N/A / 290	Pass
total pentanes ²	ND	N/A / N/A / 5000	Pass
total propanes	ND	N/A / N/A / 5000	Pass
total xylenes	ND	N/A / N/A / 2170	Pass





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[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

¹Greater than ULOQ

²Not included in ISO scope

AL = Action Limit

Analytical Methods Used:

Cannabinoids by UHPLC-DAD

Terpenes by HS-GC-FID

Residual Solvents by HS-GC-MS

LC Pesticides by LC-MS/MS

GC 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

Material Amendments

No material amendments recorded for this sample.

