



# Confidence Analytics<sup>®</sup>

## Cannabis Analytical Chemistry Laboratory

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### Origin

Blue Roots Cannabis  
13026 W Mcfarlane Rd Bldg ...  
Airway Heights, Wa 99001  
License #: 413477

Parent Batch ID:  
11448421995223828

Parent Batch Size:  
N/A

### Sample Demographics

Name:  
Sherb Cream Pie

Product Type:  
Flower

Origin Sample ID:  
WA-240822-008

Lab Sample ID:  
WA-240822-008

Date of Collection:  
N/A

Date of Receipt:  
2024-08-22

Date of Completion:  
2024-08-26

Serving / Package Wt:  
N/A / N/A

Density:  
N/A

Batch Pass/Fail:  
✓ **PASS**

### Cannabinoid Analysis - summary

Total d9-THC: 18% 180mg/g

Total CBD: 0.039% 0.39mg/g

Total Cannabinoids: 21%

### Terpene Analysis - summary

Total Terpenes: 3.1 %

Top Three:

Caryophyllene: 0.58 %

Limonene: 0.53 %

A-maaliene: 0.29 %

### Safety Analysis - summary

Foreign Matter  
✓ **PASS**

Heavy Metals  
✓ **PASS**

Microbial  
✓ **PASS**

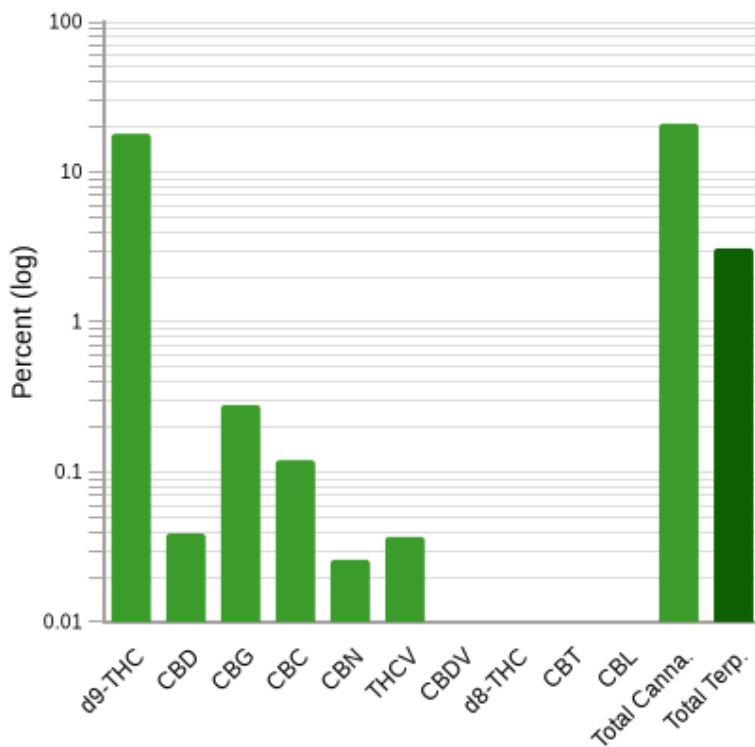
Mycotoxins  
✓ **PASS**

Pesticides  
✓ **PASS**

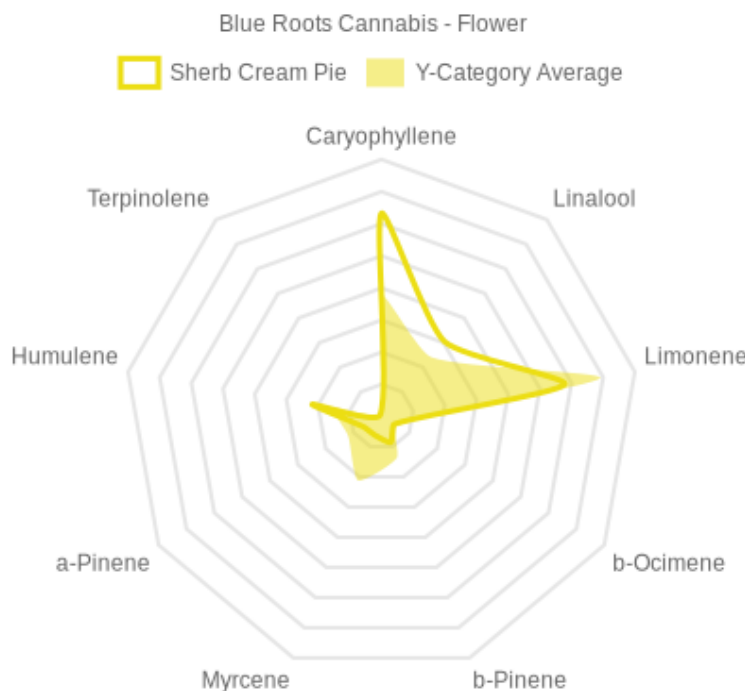
Solvents  
NT

Water Activity  
✓ **PASS**

### Cannabinoid Profile



### Strain Compass



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



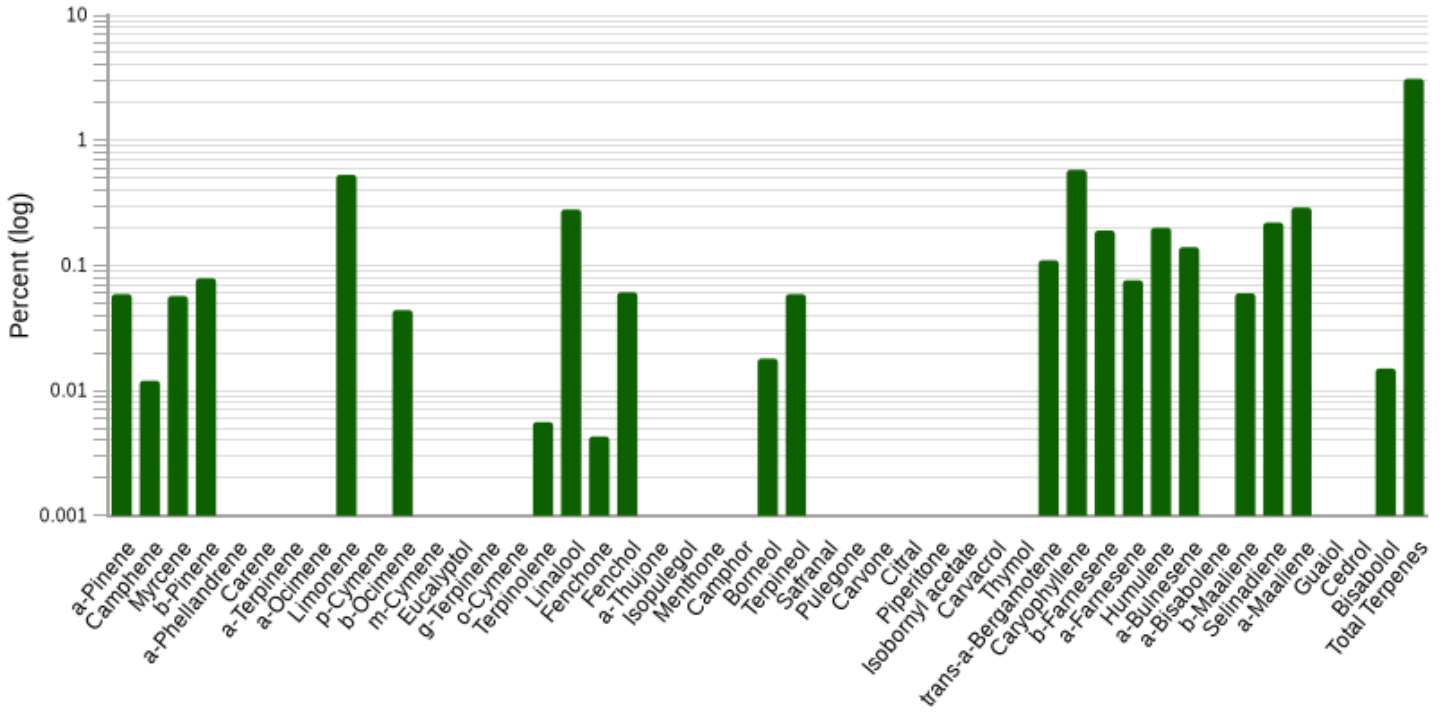


Certificate of Analysis  
 Batch #: 11448421995223828, ID: WA-240822-008,  
 Sample Name: Sherb Cream Pie, Type: Flower,  
 Origin: Blue Roots Cannabis (License No.: 413477)



Cannabinoids - Potency					2024-08-26
Analyte Name	%	mg/g	mg/serving	mg/package	LoD/LoQ (%)
Total Cannabinoids	21	210	N/A	N/A	N/A / N/A
Total THC	18	180	N/A	N/A	N/A / N/A
Total CBD	0.039	0.39	N/A	N/A	N/A / N/A
d9-thc	1.4	14	N/A	N/A	0.02 / 0.02
d9-thca	19	190	N/A	N/A	0.02 / 0.02
cbd	ND	ND	N/A	N/A	0.02 / 0.02
cbda	0.045	0.45	N/A	N/A	0.02 / 0.02
cbc	ND	ND	N/A	N/A	0.02 / 0.039
cbca	0.14	1.4	N/A	N/A	0.02 / 0.039
cbdv	ND	ND	N/A	N/A	0.02 / 0.039
cbdva	ND	ND	N/A	N/A	0.02 / 0.039
cbg	ND	ND	N/A	N/A	0.02 / 0.039
cbga	0.32	3.2	N/A	N/A	0.02 / 0.039
cbl	ND	ND	N/A	N/A	0.02 / 0.039
cbn	ND	ND	N/A	N/A	0.02 / 0.039
cbna	<LOQ	<LOQ	N/A	N/A	0.02 / 0.039
cbt	ND	ND	N/A	N/A	0.02 / 0.039
d8-thc	ND	ND	N/A	N/A	0.02 / 0.039
d9-thcv	ND	ND	N/A	N/A	0.02 / 0.039
d9-thcva	0.042	0.42	N/A	N/A	0.02 / 0.039

**Terpene Profile**





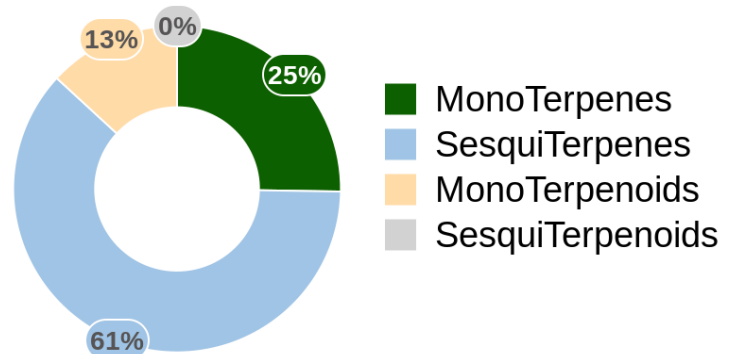
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Terpenes			2024-08-26
Analyte Name	Result (ppm)	lod/loq (ppm)	
a-bisabolene <sup>2</sup>	ND	39 / 78	PASS
a-bulnesene <sup>2</sup>	1400	39 / 78	PASS
a-farnesene <sup>2</sup>	760	39 / 78	PASS
a-maaliene <sup>2</sup>	2900	39 / 78	PASS
a-ocimene	ND	39 / 78	PASS
a-phellandrene	ND	39 / 78	PASS
a-pinene	590	39 / 78	PASS
a-terpinene	ND	39 / 78	PASS
a-thujone	ND	39 / 78	PASS
b-farnesene	1900	39 / 78	PASS
b-maaliene <sup>2</sup>	600	39 / 78	PASS
b-ocimene	440	39 / 78	PASS
b-pinene	790	39 / 78	PASS
bisabolol	150	39 / 78	PASS
borneol	<LOQ	160 / 310	PASS
camphene	120	39 / 78	PASS
camphor	ND	39 / 78	PASS
carene	ND	39 / 78	PASS
carvacrol	ND	39 / 78	PASS
carvone	ND	39 / 78	PASS
caryophyllene	5800	39 / 78	PASS
cedrol	ND	39 / 78	PASS
citral	ND	39 / 78	PASS
eucalyptol	ND	39 / 78	PASS
fenchol	610	39 / 78	PASS
fenchone	<LOQ	39 / 78	PASS
g-terpinene	ND	39 / 78	PASS
guaiol	ND	39 / 78	PASS
humulene	2000	39 / 78	PASS
isobornyl acetate	ND	39 / 78	PASS

Terpenes continued			
Analyte Name	Result (ppm)	lod/loq (ppm)	
isopulegol	ND	39 / 78	PASS
limonene	5300	39 / 78	PASS
linalool	2800	39 / 78	PASS
m-cymene	ND	39 / 78	PASS
menthone	ND	39 / 78	PASS
myrcene	570	39 / 78	PASS
o-cymene	ND	39 / 78	PASS
p-cymene	ND	39 / 78	PASS
piperitone	ND	39 / 78	PASS
pulegone	ND	39 / 78	PASS
safranal	ND	39 / 78	PASS
selinadiene <sup>2</sup>	2200	39 / 78	PASS
terpineol	590	39 / 78	PASS
terpinolene	<LOQ	39 / 78	PASS
thymol	ND	39 / 78	PASS
trans-a-bergamotene <sup>2</sup>	1100	39 / 78	PASS
total terpenes <sup>2</sup>	31000	NA / NA	PASS

Most to Least Volatile





Certificate of Analysis

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 Sample Name: Sherb Cream Pie, Type: Flower,  
 Origin: Blue Roots Cannabis (License No.: 413477)



Foreign Material				2024-08-26			
Analyte Name (Boolean)	Result	LoD/LoQ/AL	(Pass/Fail)				
i.h.e. (fail if detected)	ND	N/A / N/A / N/A	Pass	paclobutrazol	ND	0.035 / 0.035 / 0.4	Pass
seeds & other (%)	ND	N/A / N/A / 2	Pass	phosmet	ND	0.049 / 0.049 / 0.2	Pass
stems (%)	ND	N/A / N/A / 5	Pass	piperonyl butoxide	ND	0.02 / 0.063 / 2	Pass
GCMS Pesticides				2024-08-26			
Analyte Name (ppm)	Result	LoD/LoQ/AL	(Pass/Fail)				
chlorfenapyr	ND	0.4 / 0.4 / 1	Pass	prallethrin	ND	0.036 / 0.036 / 0.2	Pass
chlorpyrifos	ND	0.1 / 0.1 / 0.2	Pass	propiconazole	ND	0.092 / 0.092 / 0.4	Pass
cyfluthrin	ND	0.4 / 0.4 / 1	Pass	propoxur	ND	0.045 / 0.045 / 0.2	Pass
cypermethrin	ND	0.75 / 0.75 / 1	Pass	pyrethrin i	ND	0.079 / 0.079 / 1	Pass
methyl parathion	ND	0.1 / 0.1 / 0.2	Pass	pyrethrin ii	ND	0.02 / 0.042 / 1	Pass
mgk 264 a	ND	0.05 / 0.05 / 0.2	Pass	pyridaben	ND	0.035 / 0.035 / 0.2	Pass
mgk 264 b	ND	0.05 / 0.05 / 0.2	Pass	spinosad a	ND	0.02 / 0.04 / 0.2	Pass
total mgk 264	ND	N/A / N/A / 0.2	Pass	spinosad d	ND	0.02 / 0.02 / 0.2	Pass
Heavy Metals				2024-08-26			
Analyte Name (ppm)	Result	LoD/LoQ/AL	(Pass/Fail)				
as	ND	1 / 1 / 2	Pass	spiromesifen	ND	0.067 / 0.067 / 0.2	Pass
cd	ND	0.4 / 0.4 / 0.82	Pass	spirotetramat	ND	0.049 / 0.049 / 0.2	Pass
hg	ND	0.3 / 0.3 / 0.4	Pass	spiroxamine	ND	0.04 / 0.04 / 0.4	Pass
pb	ND	0.5 / 0.5 / 1.2	Pass	tebuconazole	ND	0.059 / 0.059 / 0.4	Pass
LCMS Pesticides				2024-08-26			
Analyte Name (ppm)	Result	LoD/LoQ/AL	(Pass/Fail)				
acephate	ND	0.029 / 0.029 / 0.4	Pass	thiacloprid	ND	0.04 / 0.04 / 0.2	Pass
acequinocyl	ND	0.49 / 0.49 / 2	Pass	thiamethoxam	ND	0.034 / 0.034 / 0.2	Pass
acetamiprid	ND	0.04 / 0.04 / 0.2	Pass	trans-permethrin	ND	0.047 / 0.047 / 0.2	Pass
aldicarb	ND	0.039 / 0.039 / 0.4	Pass	trifloxystrobin	ND	0.074 / 0.074 / 0.2	Pass
avermectin b1a	ND	0.079 / 0.079 / 0.5	Pass	total abamectin	ND	N/A / N/A / 0.5	Pass
avermectin b1b	ND	0.079 / 0.079 / 0.5	Pass	total permethrins	ND	N/A / N/A / 0.2	Pass
azoxystrobin	ND	0.049 / 0.049 / 0.2	Pass	total pyrethrins	ND	N/A / N/A / 1	Pass
bifenazate	ND	0.02 / 0.049 / 0.2	Pass	total spinosads	ND	N/A / N/A / 0.2	Pass
bifenthrin	ND	0.02 / 0.066 / 0.2	Pass	Microbial			
boscalid	ND	0.039 / 0.073 / 0.4	Pass	Analyte Name (CFU/g)	Result	LoD/LoQ/AL	(Pass/Fail)
carbaryl	ND	0.03 / 0.03 / 0.2	Pass	btgn	ND	5000 / 5000 / 10000	Pass
carbofuran	ND	0.049 / 0.049 / 0.2	Pass	e coli	ND	N/A / N/A / N/A	Pass
chlorantraniliprole	ND	0.032 / 0.032 / 0.2	Pass	salmonella	ND	N/A / N/A / N/A	Pass
cis-permethrin	ND	0.045 / 0.045 / 0.2	Pass	Mycotoxins			
clofentezine	ND	0.062 / 0.062 / 0.2	Pass	Analyte Name (ppb)	Result	LoD/LoQ/AL	(Pass/Fail)
daminozide	ND	0.2 / 0.2 / 1	Pass	aflatoxin b1	ND	5 / 5 / 20	Pass
diazinon	ND	0.032 / 0.032 / 0.2	Pass	aflatoxin b2	ND	5 / 5 / 20	Pass
dichlorvos	ND	0.037 / 0.037 / 0.1	Pass	aflatoxin g1	ND	5 / 5 / 20	Pass
dimethoate	ND	0.038 / 0.038 / 0.2	Pass	aflatoxin g2	ND	5 / 5 / 20	Pass
ethoprophos	ND	0.074 / 0.074 / 0.2	Pass	ochratoxin a	ND	10 / 10 / 20	Pass
etofenprox	ND	0.057 / 0.057 / 0.4	Pass	total aflatoxins	ND	N/A / N/A / 20	Pass
etoxazole	ND	0.035 / 0.035 / 0.2	Pass	Water Activity			
fenoxycarb	ND	0.047 / 0.047 / 0.2	Pass	Analyte Name (aw)	Result	LoD/LoQ/AL	(Pass/Fail)
fenpyroximate	ND	0.049 / 0.049 / 0.4	Pass	water activity	0.53	0.35 / 0.35 / 0.65	Pass
fipronil	ND	0.12 / 0.12 / 0.4	Pass	[ END OF ANALYTES ]			
flonicamid	ND	0.1 / 0.1 / 1	Pass				
fludioxonil	ND	0.055 / 0.055 / 0.4	Pass				
hexythiazox	ND	0.18 / 0.18 / 1	Pass				
imazalil	ND	0.049 / 0.049 / 0.2	Pass				
imidacloprid	ND	0.031 / 0.031 / 0.4	Pass				
kresoxim-methyl	ND	0.05 / 0.05 / 0.4	Pass				
malathion	ND	0.049 / 0.049 / 0.2	Pass				
metalaxyl	ND	0.037 / 0.037 / 0.2	Pass				
methiocarb	ND	0.049 / 0.049 / 0.2	Pass				
methomyl	ND	0.042 / 0.042 / 0.4	Pass				
myclobutanil	ND	0.02 / 0.054 / 0.2	Pass				
naled	ND	0.042 / 0.042 / 0.5	Pass				
oxamyl	ND	0.029 / 0.029 / 1	Pass				





Certificate of Analysis  
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**Sample Name:** Sherb Cream Pie, **Type:** Flower,  
**Origin:** Blue Roots Cannabis (License No.: 413477)



**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	<sup>1</sup> Greater than ULOQ
NT = Not Tested	<sup>2</sup> Not included in ISO scope
LOD = Detection Limit	
LOQ = Lower Quantification Limit	
ULOQ = Upper Quantification Limit	AL = Action Limit

Analytical Methods Used:

Cannabinoids by UHPLC-DAD	Mycotoxins by LC-MS/MS
Terpenes by HS-GC-FID	Microbes by Plate Counting
Residual Solvents by HS-GC-MS	Heavy Metals by ICP-MS
LC Pesticides by LC-MS/MS	Foreign Material by Macroscopic Inspection
GC Pesticides by GC-MS/MS	Water Activity by HYGROMETER

**Material Amendments**

No material amendments recorded for this sample.

