

Medicine Creek Analytics Certificate of Analysis

3700 Pacific HWY E, Ste 400, Fife, WA 98424
 WA State I502 Certification 0018 | ISO 17025 91428 | Accreditation #91428



Sample: Purple Sour Diesel 7/25/25

#COC/INVOICE: **8880**

Sample ID 250815-008	Matrix Flower	Lot or Batch #	External Inv ID 01K2Q3XVVKR64MQPJ
Tested for Washington Bud Company		Address 28308 15th Ave NE Ste A Arlington, WA 98223	License 412752
Received 08/19/2025		Reported 08/25/2025	

This sample is WA state DOH medically compliant

Analyses executed **CAN, MET, MIC, PES_WAC, WA, FM, MYC**

CAN - Cannabinoid Profile

Analyzed **Aug 21, 2025** | Instrument **HPLC LC2040**

Analyte	LOD %	LOQ %	Result %	Result mg/g
CBDV	0.003	0.01	ND	ND
CBDA	0.003	0.01	ND	ND
CBD	0.003	0.01	0.17	1.7
CBGA	0.003	0.01	0.45	4.5
CBG	0.003	0.01	ND	ND
THCV	0.003	0.01	ND	ND
CBN	0.003	0.01	ND	ND
THCA	0.003	0.01	21	210
Δ9 THC	0.003	0.01	0.78	7.8
Δ8 THC	0.003	0.01	ND	ND
CBC	0.003	0.01	ND	ND
Total THC (THCa * 0.877 + THC)			19	190
Total CBD (CBDA * 0.877 + CBD)			0.17	1.7
Total Cannabinoids			22	220

MET - Heavy Metals Detection

Pass

Analyzed **Aug 25, 2025** | Instrument **ICP-MS**

Analyte	LOD ug/g	LOQ ug/g	Result ug/g (ppm)	Analyte	LOD ug/g	LOQ ug/g	Result ug/g (ppm)
Arsenic (As)	0.049	0.164	ND	Cadmium (Cd)	0.01	0.034	ND
Lead (Pb)	0.034	0.114	ND	Mercury (Hg)	0.01	0.035	ND

MIC - Microbial- I502 panel (3)

Pass

Analyzed **Aug 22, 2025** | Instrument **Plating**

Analyte	LOD CFU/g	LOQ CFU/g	Result CFU/g	WRL CFU/g	Analyte	LOD CFU/g	LOQ CFU/g	Result CFU/g	WRL CFU/g
E. coli			ND	DET/ND	Bile Tolerant gram neg	100.0		ND	10000
Salmonella	100.0		ND	DET/ND					

ABC

- NR** Not Reported
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- NT** Not Tested
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- LOQ** Limit of Quantification
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- CFU/g** Colony Forming Units per 1 gram
- TNTC** Too Numerous to Count
- mg/g** Milligrams per gram
- ppm** Parts per million
- WRL** Washington Regulatory Limit
- µg/g** Microgram per gram
- CFM** Confirmed or Alternate Method



Authorized Signature

Amber R. Wise

Amber R. Wise, PhD
 Science Director
 08/25/2025



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PES_WAC - WA Compliance Pesticide (short list)

Pass

Analyzed Aug 25, 2025 | Instrument LC-MS/MS (ESI) & GC-MS/MS

Analyte	Result µg/g (ppm)	WA State Action Limit	LOD (ppm)	LOQ (ppm)	Analyte	Result µg/g (ppm)	WA State Action Limit	LOD (ppm)	LOQ (ppm)
3-Hydroxycarbofuran	ND	0.2	0.072	0.216	Abamectin B1a	ND	0.5	0.12	0.4
Acephate	ND	0.4	0.025	0.076	Acequinocyl	ND	2	0.5	2.0
Acetamiprid	ND	0.2	0.025	0.076	Aldicarb	ND	0.4	0.05	0.15
Aldicarb Sulfone	ND	0.4	0.05	0.15	Azoxystrobin	ND	0.2	0.039	0.116
Bifenazate	ND	0.2	0.5	0.15	Bifenthrin - LC	ND			
Boscalid - GC	ND	0.4	0.029	0.097	Carbaryl	ND	0.2	0.039	0.116
Carbofuran	ND	0.2	0.05	0.15	Chlorantraniliprole	ND	0.2	0.065	0.196
Chlorfenapyr	ND	1	0.033	0.111	Chlorpyrifos - GC	ND	0.2	0.007	0.022
Clofentezine	ND	0.2	0.05	0.2	Cyfluthrin (Sum)	ND	1	0.016	0.053
Cypermethrin (Sum)	ND	1	0.022	0.074	Daminozide	ND	1	0.1	0.3
DDVP (Dichlorvos)	ND	0.1	0.022	0.072	Diazinon	ND	0.2	0.032	0.096
Dimethoate	ND	0.2	0.025	0.076	Ethoprophos	ND	0.2	0.05	0.15
Etofenprox	ND	0.4	0.128	0.383	Etoxazole	ND	0.2	0.043	0.13
Fenoxycarb	ND	0.2	0.032	0.096	Fenpyroximate	ND	0.4	0.032	0.096
Fipronil	ND	0.4	0.043	0.13	Flonicamid	ND	1	0.05	0.15
Fludioxonil	ND	0.4	0.1	0.3	Hexythiazox	ND	1	0.089	0.266
Imazalil	ND	0.2	0.05	0.15	Imidacloprid	ND	0.4	0.05	0.15
Kresoxym-methyl	ND	0.4	0.03	0.11	Malathion	ND	0.2	0.03	0.11
Metalaxyl	ND	0.2	0.043	0.13	Methiocarb	ND	0.2	0.06	0.19
Methomyl	ND	0.4	0.065	0.196	MGK-264 (Sum)	ND	0.2	0.01	0.03
Myclobutanil	ND	0.2	0.05	0.15	Naled	ND	0.5	0.022	0.072
Oxamyl	ND	1	0.032	0.096	Paclobutrazol	ND	0.4	0.05	0.15
Parathion-Methyl	ND	0.2	0.017	0.058	Permethrins (Sum) - LC	ND	0.2	0.189	0.567
Phosmet	ND	0.2	0.07	0.2	Piperonyl Butoxide	ND	2	0.05	0.2
Prallethrin	ND	0.2	0.05	0.16	Propiconazole (Sum)	ND	0.4	0.2	0.4
Propoxur	ND	0.2	0.03	0.09	Pyrethrins (Sum) - LC	ND	1	0.1	0.3
Pyridaben	ND	0.2	0.1	0.2	Spinosad (Sum)	ND	0.2	0.05	0.15
Spiromesifen	ND	0.2	0.05	0.15	Spirotetramat	ND	0.2	0.05	0.15
Spiroxamine	ND	0.4	0.03	0.12	Tebuconazole	ND	0.4	0.1	0.3
Thiacloprid	ND	0.2	0.03	0.1	Thiamethoxam	ND	0.2	0.05	0.12
Trifloxystrobin	ND	0.2	0.05	0.15					

WA - Moisture & Water Activity

Pass

Analyzed Aug 20, 2025 | Instrument Water Activity Meter

Analyte	Findings (%)	WRL	Analyte	Findings (A _w)	WRL
Moisture	NT	NA	Water Activity	0.56	0.65 (flower) 0.85 (edible)

FM - Foreign Matter Visual

Analyzed Aug 25, 2025

Analyte	Findings	Analyte	Findings
Stems (%)	Pass	Seeds or other (%)	Pass

Comment:

- NR Not Reported
- ND Not Detected
- <LOD Below Lod
- NT Not Tested
- LOD Limit of Detection
- LOQ Limit of Quantification
- DET Detected below quantitation limit
- CFU/g Colony Forming Units per 1 gram
- TNTC Too Numerous to Count
- mg/g Milligrams per gram
- ppm Parts per million
- WRL Washington Regulatory Limit
- µg/g Microgram per gram
- CFM Confirmed or Alternate Method



Authorized Signature
Amber R. Wise
 Amber R. Wise, PhD
 Science Director
 08/25/2025



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MYC - Mycotoxins

Pass

Analyzed Aug 25, 2025 | Instrument LC-MS/MS

Analyte	LOD ppb	Result ppb	WRL ppb	Analyte	LOD ppb	Result ppb	WRL ppb
Total Aflatoxins	3.0	ND	20	Ochratoxin A	1.9	ND	20

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Confidence Analytics®

Cannabis Analytical Chemistry Laboratory

WSLCB Certification # 0003 | 14797 NE 95th St, Redmond, WA 98052 | 206.743.8843 | info@conflabs.com



Origin

Medicine Creek Analytics
3700 Pacific Hwy E #400
Fife, Wa 98424
License #: n/a

Parent Batch ID:
250815-008

Origin Sample ID:
250815-008

Sample Demographics

Sample Name:
250815-008

Product Type:
Flower

Matrix Type:
GPM

Category: N O N-502
N O N-502

Lab Sample ID: WA-250822-101

Date of Collection:
Unknown

Date of Receipt:
2025-08-21

Date of Completion:
2025-08-24

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

Sample Size:
2 g

Batch Pass/Fail:
✓ **PASS**

Safety Analysis - summary

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

Cannabinoids - Potency

Analyte Name	%	mg/g	mg/serving	mg/package	LoD/LoQ (%)
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[End of Analytes]



Certificate of Analysis

Batch #: 250815-008, ID: WA-250822-101,

Sample Name: 250815-008, Type: Flower,

Origin: Medicine Creek Analytics (License No.: n/a)



GCMS Pesticides				2025-08-24			
Analyte Name (ppm)	Result	LoD/LoQ/AL	(Pass/Fail)				
chlorfenapyr	ND	0.75 / 0.75 / 1	Pass	spinosad d	ND	0.04 / 0.04 / 0.2	Pass
chlorpyrifos	ND	0.15 / 0.15 / 0.2	Pass	spiromesifen	ND	0.08 / 0.08 / 0.2	Pass
cyfluthrin	ND	0.75 / 0.75 / 1	Pass	spirotetramat	ND	0.08 / 0.08 / 0.2	Pass
cypermethrin	ND	0.75 / 0.75 / 1	Pass	spiroxamine	ND	0.08 / 0.08 / 0.4	Pass
methyl parathion	ND	0.15 / 0.15 / 0.2	Pass	tebuconazole	ND	0.08 / 0.08 / 0.4	Pass
mgk 264 a	ND	0.11 / 0.11 / 0.2	Pass	thiacloprid	ND	0.08 / 0.08 / 0.2	Pass
mgk 264 b	ND	0.1 / 0.1 / 0.2	Pass	thiamethoxam	ND	0.08 / 0.08 / 0.2	Pass
total mgk 264	ND	N/A / N/A / 0.2	Pass	trans-permethrin	ND	0.08 / 0.08 / 0.2	Pass
LCMS Pesticides				2025-08-24			
Analyte Name (ppm)	Result	LoD/LoQ/AL	(Pass/Fail)				
acephate	ND	0.08 / 0.08 / 0.4	Pass	trifloxystrobin	ND	0.08 / 0.08 / 0.2	Pass
acequinocyl	ND	0.48 / 0.48 / 2	Pass	total abamectin	ND	N/A / N/A / 0.5	Pass
acetamiprid	ND	0.08 / 0.08 / 0.2	Pass	total permethrins	ND	N/A / N/A / 0.2	Pass
aldicarb	ND	0.08 / 0.08 / 0.4	Pass	total pyrethrins	ND	N/A / N/A / 1	Pass
avermectin b1a	ND	0.08 / 0.08 / 0.5	Pass	total spinosads	ND	N/A / N/A / 0.2	Pass
avermectin b1b	ND	0.08 / 0.08 / 0.5	Pass	[END OF ANALYTES]			
azoxystrobin	ND	0.08 / 0.08 / 0.2	Pass				
bifenazate	ND	0.04 / 0.04 / 0.2	Pass				
bifenthrin	ND	0.04 / 0.04 / 0.2	Pass				
boscalid	ND	0.08 / 0.08 / 0.4	Pass				
carbaryl	ND	0.08 / 0.08 / 0.2	Pass				
carbofuran	ND	0.08 / 0.08 / 0.2	Pass				
chlorantraniliprole	ND	0.08 / 0.08 / 0.2	Pass				
cis-permethrin	ND	0.08 / 0.08 / 0.2	Pass				
clofentezine	ND	0.08 / 0.08 / 0.2	Pass				
daminozide	ND	0.48 / 0.48 / 1	Pass				
diazinon	ND	0.08 / 0.08 / 0.2	Pass				
dichlorvos	ND	0.074 / 0.074 / 0.1	Pass				
dimethoate	ND	0.08 / 0.08 / 0.2	Pass				
ethoprophos	ND	0.08 / 0.08 / 0.2	Pass				
etofenprox	ND	0.08 / 0.08 / 0.4	Pass				
etoxazole	ND	0.08 / 0.08 / 0.2	Pass				
fenoxycarb	ND	0.08 / 0.08 / 0.2	Pass				
fenpyroximate	ND	0.08 / 0.08 / 0.4	Pass				
fipronil	ND	0.08 / 0.08 / 0.4	Pass				
flonicamid	ND	0.48 / 0.48 / 1	Pass				
fludioxonil	ND	0.08 / 0.08 / 0.4	Pass				
hexythiazox	ND	0.15 / 0.15 / 1	Pass				
imazalil	ND	0.08 / 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	0.08 / 0.08 / 0.2	Pass				
metalaxyl	ND	0.08 / 0.08 / 0.2	Pass				
methiocarb	ND	0.08 / 0.08 / 0.2	Pass				
methomyl	ND	0.08 / 0.08 / 0.4	Pass				
myclobutanil	ND	0.04 / 0.04 / 0.2	Pass				
naled	ND	0.08 / 0.08 / 0.5	Pass				
oxamyl	ND	0.08 / 0.08 / 1	Pass				
paclobutrazol	ND	0.04 / 0.04 / 0.4	Pass				
phosmet	ND	0.08 / 0.08 / 0.2	Pass				
piperonyl butoxide	ND	0.08 / 0.08 / 2	Pass				
prallethrin	ND	0.08 / 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	0.08 / 0.08 / 1	Pass				
pyridaben	ND	0.08 / 0.08 / 0.2	Pass				
spinosad a	ND	0.04 / 0.04 / 0.2	Pass				





Certificate of Analysis
 Batch #: 250815-008, ID: WA-250822-101,
 Sample Name: 250815-008, Type: Flower,
 Origin: Medicine Creek Analytics (License No.: n/a)



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	GPM = Green Plant Material
NT = Not Tested	CONC = Concentrate
LOD = Detection Limit	ISL = Infused Solid or Liquid
LOQ = Lower Quantification Limit	¹ Greater than ULOQ
ULOQ = Upper Quantification Limit	² Not included in A2LA scope of Accreditation
AL = Action Limit	³ WSDA Accreditation not available for this analyte
N/A = Not Applicable	

Analytical Methods Used:

Cannabinoids by UHPLC-DAD	Mycotoxins by LC-MS/MS
Terpenes by HS-GC-FID/MS ³	Microbes by Plate Counting
Residual Solvents by HS-GC-MS	Heavy Metals by ICP-MS
LCMS Pesticides by LC-MS/MS	Foreign Material by Macroscopic Inspection
GCMS Pesticides by GC-MS/MS	Water Activity by HYGROMETER

Certifying Scientist: Shannon Stevens

Material Amendments

No material amendments recorded for this sample.

