

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: Harlequin 5/29/25

#COC/INVOICE: 8762

Sample ID **250701-004** Matrix **Flower** Lot or Batch # External Inv ID **01JYSF784F0WAZEX**Tested for **Washington Bud Company** Address **28308 15th Ave NE Ste A Arlington, WA 98223** License **412752**Received **07/01/2025**Reported **07/16/2025**Analyses executed **CAN, MET, MIC, PES_WAC, WA, FM, MYC****Report Comments:** This sample is Washington DOH medically compliant. The pesticide test was subcontracted to Confidence Analytics

CAN - Cannabinoid Profile

Analyzed **Jul 14, 2025** | Instrument **HPLC LC2040**

Analyte	LOD %	LOQ %	Result %	Result mg/g
CBDV	0.003	0.01	0.17	1.7
CBDA	0.003	0.01	13	130
CBD	0.003	0.01	0.62	6.2
CBGA	0.003	0.01	1.2	12
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	6.1	61
Δ9 THC	0.003	0.01	0.76	7.6
Δ8 THC	0.003	0.01	ND	ND
CBC	0.003	0.01	ND	ND
Total THC (THCa * 0.877 + THC)			6.1	61
Total CBD (CBDA * 0.877 + CBD)			12	120
Total Cannabinoids			22	220

MET - Heavy Metals Detection

Pass

Analyzed **Jul 15, 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 **Jul 10, 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					

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
07/16/2025

PES_WAC - WA Compliance Pesticide (short list)

Pass

Analyzed Jul 16, 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 Jul 15, 2025 | Instrument Water Activity Meter

Analyte	Findings (%)	WRL	Analyte	Findings (A _w)	WRL
Moisture	NT	NA	Water Activity	0.57	0.65 (flower) 0.85 (edible)

FM - Foreign Matter Visual

Analyzed Jul 02, 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
07/16/2025

MYC - Mycotoxins

Pass

Analyzed Jul 14, 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



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
07/16/2025



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:
01JYSF784F0WAZEX

Origin Sample ID:
250701-004

Sample Demographics

Sample Name:
250701-004

Product Type:
Flower

Matrix Type:
GPM

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

Lab Sample ID: WA-250715-089

Date of Collection:
Unknown

Date of Receipt:
2025-07-14

Date of Completion:
2025-07-16

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

Sample Size:
2 g

Batch Pass/Fail:
✓ **PASS**

Safety Analysis - summary

Foreign Matter
NT

Heavy Metals
NT

Microbial
NT

Mycotoxins
NT

Pesticides
✓ **PASS**

Solvents
NT

Water Activity
NT

Cannabinoids - Potency

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



Certificate of Analysis

Batch #: 01JYSF784F0WAZEX, ID: WA-250715-089,

Sample Name: 250701-004, Type: Flower,

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



GCMS Pesticides				2025-07-16				
Analyte Name (ppm)	Result	LoD/LoQ/AL	(Pass/Fail)					
chlorfenapyr	ND	0.75 / 0.75 / 1	Pass	spinosad d	ND	0.02 / 0.04 / 0.2	Pass	
chlorpyrifos	ND	0.15 / 0.15 / 0.2	Pass	spiromesifen	ND	0.04 / 0.08 / 0.2	Pass	
cyfluthrin	ND	0.75 / 0.75 / 1	Pass	spirotramat	ND	0.04 / 0.08 / 0.2	Pass	
cypermethrin	ND	0.75 / 0.75 / 1	Pass	spiroxamine	ND	0.04 / 0.08 / 0.4	Pass	
methyl parathion	ND	0.15 / 0.15 / 0.2	Pass	tebuconazole	ND	0.04 / 0.08 / 0.4	Pass	
mgk 264 a	ND	0.11 / 0.11 / 0.2	Pass	thiacloprid	ND	0.04 / 0.08 / 0.2	Pass	
mgk 264 b	ND	0.1 / 0.1 / 0.2	Pass	thiamethoxam	ND	0.04 / 0.08 / 0.2	Pass	
total mgk 264	ND	N/A / N/A / 0.2	Pass	trans-permethrin	ND	0.04 / 0.08 / 0.2	Pass	
LCMS Pesticides				2025-07-16				
Analyte Name (ppm)	Result	LoD/LoQ/AL	(Pass/Fail)		trifloxystrobin	ND	0.08 / 0.08 / 0.2	Pass
acephate	ND	0.04 / 0.08 / 0.4	Pass		total abamectin	ND	N/A / N/A / 0.5	Pass
acequinocyl	ND	0.48 / 0.48 / 2	Pass		total permethrins	ND	N/A / N/A / 0.2	Pass
acetamiprid	ND	0.04 / 0.08 / 0.2	Pass		total pyrethrins	ND	N/A / N/A / 1	Pass
aldicarb	ND	0.04 / 0.08 / 0.4	Pass		total spinosads	ND	N/A / N/A / 0.2	Pass
avermectin b1a	ND	0.08 / 0.08 / 0.5	Pass		[END OF ANALYTES]			
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					



Certificate of Analysis

Batch #: 01JYSF784F0WAZEX, ID: WA-250715-089,

Sample Name: 250701-004, 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:

$$\text{Total THC} = \text{d9-THC} + (\text{THC-A} * 0.877)$$
$$\text{Total CBD} = \text{CBD} + (\text{CBD-A} * 0.877)$$

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.