

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: 11/15/24 Harlequin

#COC/INVOICE: 7938

Table with sample details: Sample ID 241205-004, Matrix Flower, Lot or Batch #, External Inv ID 01JEBZQCS3YWZ5A4, Tested for Washington Bud Company, Address 28308 15th Ave NE Ste A Arlington, WA 98223, License 412752, Received 12/06/2024, Reported 12/12/2024

Analyses executed CAN, MET, MIC, WA, FM, MYC, PES\_WAC

Report Comments: This sample is WA state medically compliant

CAN - Cannabinoid Profile

Analyzed Dec 11, 2024 | Instrument HPLC LC2040

Table with 5 columns: Analyte, LOD %, LOQ %, Result %, Result mg/g. Lists various cannabinoids like CBDV, CBDA, CBD, CBGA, CBG, THCV, CBN, THCA, etc.

MET - Heavy Metals Detection

Pass

Analyzed Dec 12, 2024 | Instrument ICP-MS

Table with 8 columns: Analyte, LOD ug/g, LOQ ug/g, Result ug/g (ppm). Lists Arsenic (As), Lead (Pb), Cadmium (Cd), Mercury (Hg).

MIC - Microbial- I502 panel (3)

Pass

Analyzed Dec 11, 2024 | Instrument Plating

Table with 10 columns: Analyte, LOD CFU/g, LOQ CFU/g, Result CFU/g, WRL CFU/g. Lists E. coli, Salmonella, Bile Tolerant gram neg.

- 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
ug/g Microgram per gram
CFM Confirmed or Alternate Method



Authorized Signature
Amber R. Wise
Amber R. Wise, PhD
Science Director
12/12/2024



\*This report shall not be reproduced except in full without the written approval of the lab. Results are only for samples and batches indicated. Measurement uncertainties and reporting limits available upon request. Results are valid for 12 months from date reported. LOD and LOQ values vary depending on matrix and dilution factor. Contact lab for specific LOD and LOQ values.

## WA - Moisture & Water Activity

Pass

Analyzed Dec 12, 2024 | Instrument Water Activity Meter

Analyte	Findings (%)	WRL	Analyte	Findings (A <sub>w</sub> )	WRL
Moisture	NT	NA	Water Activity	0.42	0.65 (flower) 0.85 (edible)

## FM - Foreign Matter Visual

Analyzed Dec 12, 2024

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

## MYC - Mycotoxins

Pass

Analyzed Dec 10, 2024 | 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

## PES\_WAC - WA Compliance Pesticide (short list)

Pass

Analyzed Dec 09, 2024 | 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

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  
 12/12/2024



\*This report shall not be reproduced except in full without the written approval of the lab. Results are only for samples and batches indicated. Measurement uncertainties and reporting limits available upon request. Results are valid for 12 months from date reported. LOD and LOQ values vary depending on matrix and dilution factor. Contact lab for specific LOD and LOQ values.

Analyte	Result $\mu\text{g/g}$ (ppm)	WA State Action Limit	LOD (ppm)	LOQ (ppm)	Analyte	Result $\mu\text{g/g}$ (ppm)	WA State Action Limit	LOD (ppm)	LOQ (ppm)
Thiacloprid	ND	0.2	0.03	0.1	Thiamethoxam	ND	0.2	0.05	0.12
Trifloxystrobin	ND	0.2	0.05	0.15					



- 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
- $\mu\text{g/g}$**  Microgram per gram
- CFM** Confirmed or Alternate Method



Authorized Signature  
*Amber R. Wise*  
 Amber R. Wise, PhD  
 Science Director  
 12/12/2024