

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: 07/26/24 Purple Sour Diesel

#COC/INVOICE: 7569

Sample ID 240822-008	Matrix Flower	Lot or Batch #	External Inv ID 01J5VAZADJCNR78A
Tested for Washington Bud Company		Address 28308 15th Ave NE Ste A Arlington, WA 98223	License 412752
Received 08/23/2024		Reported 08/29/2024	

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

Report Comments: This sample is WA state medically compliant

CAN - Cannabinoid Profile

Analyzed **Aug 27, 2024** | 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	ND	ND
CBGA	0.003	0.01	0.48	4.8
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	22	220
Δ9 THC	0.003	0.01	0.63	6.3
Δ8 THC	0.003	0.01	ND	ND
CBC	0.003	0.01	ND	ND
Total THC (THCa * 0.877 + THC)			20	200
Total CBD (CBDa * 0.877 + CBD)			0.00	0.00
Total Cannabinoids			23	230

MET - Heavy Metals Detection

Pass

Analyzed **Aug 27, 2024** | 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 27, 2024** | 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
 08/29/2024



*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 **Aug 23, 2024** | Instrument **Water Activity Meter**

Analyte	Findings (%)	WRL	Analyte	Findings (A _w)	WRL
Moisture	NT	NA	Water Activity	0.52	0.65 (flower) 0.85 (edible)

FM - Foreign Matter Visual

Analyzed **Aug 23, 2024**

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

MYC - Mycotoxins

Pass

Analyzed **Aug 29, 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 **Aug 29, 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

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LOD Limit of Detection
LOQ Limit of Quantification
DET Detected below quantitation limit
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 Science Director
 08/29/2024

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					



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