

**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: 05/02/24 Purple Sour Diesel**

#COC/INVOICE: 7201

|  |                      |  |  |
|--|----------------------|--|--|
| Sample ID <b>240517-007</b>              | Matrix <b>Flower</b> | Lot or Batch #   | External Inv ID <b>01HY 1HQR 19FX 8K7X</b> |
| Tested for <b>Washington Bud Company</b> |                      | Address <b>28308 15th Ave NE Ste A Arlington, WA 98223</b> | License <b>412752</b>                      |
| Received <b>05/20/2024</b>               |                      | Reported <b>05/24/2024</b>                                 |  |

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

**Report Comments:** This sample is WA state medically compliant

**CAN - Cannabinoid Profile**

Analyzed **May 24, 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  | 0.459    | 4.592       |
| 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  | 21.975   | 219.746     |
| Δ9 THC                                | 0.003 | 0.01  | 0.492    | 4.919       |
| Δ8 THC                                | 0.003 | 0.01  | ND       | ND          |
| CBC                                   | 0.003 | 0.01  | ND       | ND          |
| <b>Total THC</b> (THCa * 0.877 + THC) |       |       | 19.764   | 197.636     |
| <b>Total CBD</b> (CBDA * 0.877 + CBD) |       |       | 0.000    | 0.000       |

**MET - Heavy Metals Detection**

Pass

Analyzed **May 22, 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    | DET               | Cadmium (Cd) | 0.01     | 0.034    | DET               |
| Lead (Pb)    | 0.034    | 0.114    | ND                | Mercury (Hg) | 0.01     | 0.035    | ND                |

**MIC - Microbial- I502 panel (3)**

Pass

Analyzed **May 22, 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    |                        |           |           |              |           |

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- TNTC** Too Numerous to Count
- mg/g** Milligrams per gram
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- µg/g** Microgram per gram
- CFM** Confirmed or Alternate Method



Authorized Signature

*Kamy Howitz*

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05/24/2024



\*This report shall not be reproduced 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 **May 22, 2024** | Instrument **Water Activity Meter**

| Analyte  | Findings (%) | WRL | Analyte        | Findings (A <sub>w</sub> ) | WRL                            |
|----------|--------------|-----|----------------|----------------------------|--------------------------------|
| Moisture | NT           | NA  | Water Activity | 0.534                      | 0.65 (flower)<br>0.85 (edible) |

## FM - Foreign Matter Visual

Analyzed **May 22, 2024**

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

## MYC - Mycotoxins

Pass

Analyzed **May 24, 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 Pass

Analyzed **May 24, 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      | Fonicamid              | 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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| 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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