ACS LABORATORY | CANNABIS & HEMP BEYOND COMPLIANCE
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**Pinewalker Delta 8 Flower**
**Sample Matrix:** CBD/HEMP
Flower & Plants
(Inhalation - Heated)

# Certificate of Analysis

**R&D**

**PENN'S RESERVE**
**101 S WASHINGTON ST**
**EAU CLAIRE, PA 16030**

**Batch #** 2203
**Batch Date:** 2022-01-10
**Extracted From:** Hemp

**Test Reg State:** Oregon

**Order #** PEN220110-040001
**Order Date:** 2022-01-10
**Sample #** AACI857

**Sampling Date:** 2022-01-14
**Lab Batch Date:** 2022-01-14
**Completion Date:** 2022-01-18

**Initial Gross Weight:** 36.354 g

Product Image

**Potency**
**Tested**

## Delta 8/Delta 10 Potency 12

**Tested**
**(LCUV)**

**Specimen Weight: 198.120 mg**

| Analyte | LOD (%) | LOQ (%) | Result (mg/g) | (%) |
|---|---|---|---|---|
| Delta-8 THC | 0.000026 | 0.001 | 116.900 | 11.690 |
| CBD | 0.000054 | 0.001 | 53.540 | 5.354 |
| CBDA | 0.00001 | 0.001 | 46.380 | 4.638 |
| CBGA | 0.00008 | 0.001 | 12.560 | 1.256 |
| CBG | 0.000248 | 0.001 | 3.804 | 0.380 |
| CBC | 0.000018 | 0.001 | 3.052 | 0.305 |
| CBDV | 0.000065 | 0.001 | 2.887 | 0.289 |
| THCA-A | 0.000032 | 0.001 | 1.605 | 0.161 |
| CBN | 0.000014 | 0.001 | 1.007 | 0.101 |
| THCV | 0.000007 | 0.001 | 0.635 | 0.063 |
| Delta-10 THC | 0.000003 | 0.001 | 0.124 | 0.012 |
| Delta-9 THC | 0.000013 | 0.001 | | <LOQ |

## Potency Summary

| | |
|---|---|
| **Total Delta 8** 11.690% | **Total Delta 10** 0.012% |
| **Total THC** 0.141% | **Total CBD** 9.422% |
| **Total CBG** 1.482% | **Total CBN** 0.101% |
| **Other Cannabinoids** 0.657% | **Total Cannabinoids** 23.505% |

Xueli Gao
Ph.D., DABT
Lab Toxicologist

Aixia Sun
D.H.Sc., M.Sc., B.Sc., MT (AAB)
Lab Director/Principal Scientist

**Definitions and Abbreviations used in this report:** *Total CBD = CBD + (CBD-A * 0.877), *Total CBDV = CBDV + (CBDVA * 0.87), *Total THC = THCA-A * 0.877 + Delta 9 THC, *Total THCV = THCV + (THCVA * 0.87) , *CBG Total = (CBGA * 0.877) + CBG, *CBN Total = (CBNA * 0.877) + CBN, *Total CBC = CBC + (CBCA * 0.877), *Total THC-O-Acetate = Delta 8 THC-O-Acetate + Delta 9 THC-O-Acetate, *Other Cannabinoids Total = Total Cannabinoids - All the listed cannabinoids on the summary section, *Total Detected Cannabinoids = Delta8-THC + Total CBN + CBT + Delta8-THCV + Total CBG + Total CBD + Total THCV + CBL + Total THC + Total CBC + Total CBDV + Delta10-THC + Total THC-O-Acetate, *Analyte Details above show the Dry Weight Concentrations unless specified as 12% moisture concentration. (mg/ml) = Milligrams per Milliliter, LOQ = Limit of Quantitation, LOD = Limit of Detection, Dilution = Dilution Factor (ppb) = Parts per Billion, (%) = Percent, (cfu/g) = Colony Forming Unit per Gram (cfu/g) = Colony Forming Unit per Gram, , LOD = Limit of Detection, (µg/g) = Microgram per Gram (ppm) = Parts per Million, (ppm) = (µg/g), (aw) = aw (area ratio) = Area Ratio, (mg/Kg) = Milligram per Kilogram , *Measurement of Uncertainty = +/- 10%

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