

# Hemp PT Certificate of Analysis

## Hemp PT Sample HM20SEP-2 Material: hemp

| Analyte       | Value   | ± Standard<br>Uncertainty | # Labs |
|---------------|---------|---------------------------|--------|
| % as received |         |                           |        |
| Δ9-THC        | 0.2311  | 0.0042                    | 61     |
| Δ9-THCA       | 0.05979 | 0.00230                   | 54     |
| CBD           | 3.690   | 0.076                     | 52     |
| CBDA          | 3.801   | 0.070                     | 50     |
| CBN           | 0.02864 | 0.00132                   | 36     |
| Total Δ9-THC  | 0.2858  | 0.0058                    | 64     |
| Total CBD     | 7.031   | 0.135                     | 50     |
| CBDV          | 0.03922 | 0.00808                   | 12     |
| CBDVA         | 0.04218 | 0.00434                   | 10     |
| CBG           | 0.08122 | 0.00609                   | 23     |
| CBGA          | 0.09885 | 0.00454                   | 25     |
| THCV          | 0.02033 | 0.00591                   | 6      |
| CBC           | 0.2032  | 0.0044                    | 26     |
| Moisture      | 7.085   | 0.406                     | 19     |

## Hemp PT Sample HM20SEP-2

### Material: hemp

| Analyte          | Value   | ± Standard Uncertainty | # Labs |
|------------------|---------|------------------------|--------|
| % dry weight     |         |                        |        |
| Δ9-THC           | 0.2514  | 0.0075                 | 20     |
| Δ9-THCA          | 0.06301 | 0.00354                | 18     |
| CBD              | 3.888   | 0.128                  | 17     |
| CBDA             | 4.113   | 0.149                  | 16     |
| CBN              | 0.03540 | 0.00440                | 11     |
| Total Δ9-THC     | 0.3065  | 0.0091                 | 23     |
| Total CBD        | 7.520   | 0.264                  | 19     |
| CBG              | 0.07903 | 0.01322                | 7      |
| CBGA             | 0.1149  | 0.0133                 | 6      |
| CBC              | 0.2163  | 0.0082                 | 9      |
| ug/g as-received |         |                        |        |
| Cd               | 0.1650  | 0.0067                 | 9      |
| As               | 0.3657  | 0.0349                 | 9      |
| Pb               | 1.063   | 0.063                  | 9      |
| Ni               | 4.091   | 0.407                  | 6      |
| Cr               | 9.419   | 2.670                  | 6      |
| Zn               | 53.34   | 4.32                   | 6      |

1. Data obtained from participant results in the University of Kentucky Hemp PT Program.
2. Sample was prepared on 9/6/20. Stored at room temperature until 10/15/20. Stored at -20 C after 10/15/20.
3. Values are robust means. Standard uncertainty determined as  $1.25 \times \text{robust standard deviation} / \sqrt{\text{\#Labs}}$ . Results only shown for analytes tested by 6 or more labs.