

Date: November 4, 2020

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| Sample ID: HM20SEP-2 | Shipping Date: September 8, 2020 |
| Material: ground Hemp | Data Due Date: October 15, 2020 |

Dear Hemp PT Program Participants,

Thank you for your participation in the University of Kentucky Hemp Proficiency Testing (PT) Program.

This PT sample was a composite of HM19NOV-1 (960 g), HM19NOV-2 (232 g), and pre-harvest samples collected by the Kentucky Department of Agriculture in October 2019 (3000 g) and analyzed in our laboratory for compliance. Pre-harvest samples were collected from the terminal 20 cm of the central stem containing mature female flowers and dried at 50°C for two days. All portions of the dried sample were ground in a Wiley rotary knife mill to pass a 5 mm screen and then ground in a Retsch cyclone mill to pass a 1 mm screen.

All ground material was combined, thoroughly mixed, and passed again through a 1 mm screen to comprise the PT sample. Individual packets were filled with the composited hemp by randomly selecting at least a dozen subsamples from the hemp material spread out in a thin layer. Homogeneity and stability was evaluated by analyzing total THC via GC-FID and is presented in the Homogeneity and Stability report.

The final reports have been reviewed and authorized for release. The included reports are:

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|--------------------|---|---------------------------|
| Summary Statistics | Individual Participant's Laboratory Trueness | Homogeneity and Stability |
| All Labs Precision | Individual Participant's Laboratory Precision | Methodology Survey |
| All Labs Trueness | Certificate of Analysis | |

Summary reports and a guide about how to interpret proficiency testing reports are available at <http://www.rs.uky.edu/regulatory/hpt/reports.php>. Labs are identified by lab number on summary reports. Participants' identity will not be disclosed by us.

Individual reports are available through your lab portal at <https://hpt.fass.org/data-reporting/>. The individual lab reports are the property of the participating laboratories.

Any concerns or errors in the reports should be immediately communicated to hpt@uky.edu. A timely investigation will occur and you will be advised of the outcome. Errors made by the participant in data entry cannot be changed after the reporting deadline and such errors are not grounds for appeal.

Sincerely,



Frank Sikora, Ph.D.
Director of Hemp Proficiency Testing Program
University of Kentucky, Division of Regulatory Services

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