University of Kentucky
Regulatory Services
College of Agriculture, Food and Environment

HEMP
Proficiency Testing Program

HEMP PROFICIENCY TESTING GENERAL INSTRUCTIONS FOR SAMPLES HM20SEP-1 and HM20SEP-2

Results Due October 15th, 2020

1. The samples provided are ready for analysis. Do not perform any preliminary processing step such as drying or grinding prior to analysis. The sample number syntax is: **HM20SEP-1** (**material**, **year**, **sample month**, **sample number**).

2. Provide triplicate analyte results for each sample. Analyze each sample replicate on different days. Analytes with a single result will not be considered in the statistical analysis.

3. Analyte concentrations are reported on an "as-received" or "dry weight" basis. As-Received is the concentration of the sample without any drying. To report on a Dry-Weight basis you can determine the moisture content of the sample and calculate the concentration based on "dry weight" as shown below. You cannot report on a dry weight basis unless you determine the moisture content of the sample. You may report concentrations on both "as-received" and "dry weight" basis.

   % dry weight basis = % as-received x (100 / (100 - % moisture))

4. Instructions for submitting data can be found at http://www.rs.uky.edu/regulatory/hpt/submit.php. There is an expanded list of methods and analytes for data submission including additional cannabinoids and metals.

5. Record your analyte result to 4 decimal places with the appropriate method code. Record the result with the "Other" method if your result is from a method not shown.

6. Very low concentrations are normally reported as less than a limit of detection (LOD) or limit of quantification (LOQ). Record very low concentrations as you would report results to your client. Place a "<" in front of the value considered a limit in your lab. For example, record "<0.0100" for a limit of 0.01.

7. Contact Frank Sikora (fsikora@uky.edu) if you have questions on what method your results should be reported as.

8. **Contacts:**

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