C71 PESTICIDES IN CANNABIS

1.0 Sample Reception

1.1 This PT is provided as two ampoules containing separate spiking solutions (C71-1 and C71-2) and six vials each containing 1.00 g of blank cannabis flower (sieved and homogenized).

1.2 Upon receipt samples are to be checked for deficiencies and stored as per your laboratory's storage protocol for this type of sample.

1.3 Inquiries regarding samples and their shipment may be directed to:

Phenova
Tel: (866) 942-2978
Email: TyG@phenova.com

PT Canada
Tel: (613) 233-5464
Email: programadmin@ptcanada.org
Email: kmiddlebrook@ptcanada.org

Inquiries must be made by email only. Use the enclosed Nonconformance Form (see reverse) when notifying PT Canada of a problem with the samples. Please include your PT Canada laboratory number on all correspondence.

2.0 General Information

2.1 The blank cannabis matrix has been sieved to <600 micrometers (#30 sieve). The material in each of the 6 blank cannabis vials has been premeasured to 1.00 g.

2.2 Prior to extraction and subsequent analysis a measured amount of liquid from the C71-1 ampoule is spiked into one of the blank cannabis vials. This process is repeated with C71-2 using a different blank cannabis vial. The end result is two spiked samples ready for extraction and analysis. If more than one extraction method is used to cover all of the analytes, additional blank cannabis vials are to be spiked. See section 3.0 for detailed spiking instructions. Unused blank cannabis vials may be used for blank determination or internal matrix spiking.

2.3 After spiking, each sample will contain approximately 50%-150% around the Canadian Action Levels for dried flower unless the analyte was not included in the spiking solution.

3.0 Sample Preparation

3.1 Warm the spiking solution ampoule to room temperature.

3.2 Carefully snap the top off the C71-1 ampoule, and using a gastight syringe, spike exactly 100 µL of the concentrate directly into one of the blank cannabis vials. Repeat this process using a fresh vial of blank cannabis matrix and the ampoule labeled C71-2.

3.3 Transfer each the resulting spiked samples into separate extraction vessels.

3.4 Rinse the vial with your extraction solvent and add the rinsate to your respective extraction vessel to ensure quantitative transfer of all material from the vial.

3.5 Due to the instability of some pesticides on the cannabis flower matrix, it is suggested that you extract the PT immediately after spiking.

4.0 Sample Analysis

4.1 The samples are now ready to extract and analyze per your normal procedures.

5.0 Reporting Results

5.1 For this PT, please assume 1.00 g sample size when calculating and reporting results, there is no need to measure the sample prior to extraction. As well, assume 0% moisture, no dry weight adjustment is necessary when reporting results.

5.2 If the analyte is non-detect please report as <### (e.g., <0.01).

5.3 Report results in µg/g. All results must by midnight of the reporting deadline using the PT Canada web-data-entry system.

6.0 Safety

6.1 The PT samples are designed for use by laboratory professionals familiar with cannabis samples and potentially hazardous materials.

PT SAMPLE NON-CONFORMANCE FORM

Attn: PT non-conformances	Study Number:

ENSURE THAT SAMPLES RECEIVED MATCH REPORT FORMS

1 - Laboratory Information

Contact Name:

Laboratory Name

Laboratory Address

Contact Telephone #

Contact Facsimile #

Contact e-mail:

2 - Sample Details

Date & Time of Arrival(YYYY,MM,DD,HH:MM):

Tracking Number:

Test Groups Received (e.g. C1 , C2 etc.):

Number of Boxes:

3 - Description of Nonconformance

4 - Requested Action

5 - PT Provider Notes