



HONG KONG GOVERNMENT LABORATORY
IN COLLABORATION WITH
HONG KONG ACCREDITATION SERVICE



“MELAMINE IN FISH FEED”

PROFICIENCY TESTING PROGRAM (APLAC T069)

**INSTRUCTIONS
(FOR PARTICIPATING LABORATORIES)**

1. ORGANIZATION

The PT program on “Melamine in Fish Feed (APLAC T069)” is organized by the Hong Kong Government Laboratory (HKGL) in collaboration with Hong Kong Accreditation Service (HKAS) under the auspices of the Asia-Pacific Laboratory Accreditation Cooperation (APLAC). The main objectives of this proposal are to provide an analytical forum for participants in the quantitative analysis of melamine in fish feed sample and to evaluate the measurement capability of participating laboratories that providing such testing services.

2. SAMPLE

- (a) Participating laboratories will be given an amber sample bottle that containing about 15 g of dried fish feed powder ($\leq 250 \mu\text{m}$) from their respective accreditation bodies (AB) or the organizers.
- (b) Upon receipt of the sample, participating laboratory should carefully inspect the sample for any physical damages and defects. If so, please contact the HKGL at “T69@govtlab.gov.hk”. New sample will be replaced for any damaged claims.
- (c) If sample is physically satisfactory, participating laboratory shall promptly acknowledge the receipt of the sample by returning the “Receipt Form (for Participating Laboratories)” electronically to the HKGL at “T69@govtlab.gov.hk”.
- (d) Intact sample is recommended to be stored in a secure environment at room temperature (around 25°C) before use. Sample should be immediately capped after use and be kept in a dry box when not in use.

3. ANALYSIS

- (a) Participating laboratory is required to determine the mass fraction (in **mg/kg**) of melamine in the sample. The approximate mass fraction was in the range of 0.1 to 10 mg/kg. Determination should be conducted in triplicate.
- (b) Participating laboratory should use their preferable test method (either accredited, in-house, modified, ad hoc method, etc.) which is normally used to quantify melamine for his customers’ samples. Details of the analytical method used should be given on the result sheet provided.

4. RESULTS

- (a) Report all the triplicate data and the arithmetic mean in Part I of the “Results Proforma”.
- (b) Estimate and report the expanded uncertainty ($\pm \text{mg/kg}$).
- (c) Fill in the information of your performed analytical method in Part II of the “Results Proforma”.
- (d) Submit the results electronically to the HKGL on or before **30 June 2009** to T69@govtlab.gov.hk using the soft copy of the “Result Proforma” provided. (Notes: 1. Unless with special reasons, results submitted after the deadline might not be accepted by the organizers. 2. To avoid poor transmission quality, results by fax are not accepted.)

5. ENQUIRIES

Please contact the HKGL at T69@govtlab.gov.hk for further enquiries concerning the program.