HONG KONG GOVERNMENT LABORATORY

APLAC PT PROGRAMME ON MALACHITE GREEN IN SWAMP EELS

(APLAC T058)

INSTRUCTIONS
(FOR PARTICIPATING LABORATORIES)

1. ORGANIZATION

The PT programme on "Malachite green in swamp eels (APLAC T058)" 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 objective of the programme is to evaluate the performance of participating laboratories on the concerned tests through inter-laboratory comparison.

2. SAMPLE

(a) Participating laboratories will independently receive an amber sample bottle that contains about 5 g of dried swamp eel powder from their respective accreditation bodies (AB).

(b) Upon receipt of the sample, participating laboratories should carefully inspect the sample for any physical damages and defects.

(c) Participating laboratories shall promptly acknowledge receipt of the sample by returning the "Receipt Form (for Participating Laboratories)" electronically to the HKGL to T58@govtlab.gov.hk. New sample will be re-sent by the HKGL for any damaged claims.

(d) Intact sample is recommended to be stored in a secure environment at room temperature around 20 to 25°C before use (Please note that analytes in samples was found to degrade gradually at 37°C). Sample should be immediately capped after use and be kept in a dry box when not in use.

3. ANALYSIS

(a) Participating laboratories are required to determine the concentration (in **μg/kg**) of malachite green (MG) and leucomalachite green (LMG) in the sample. Determination should be conducted in triplicate.

(b) Participating laboratories should use their preferred analysis methods (accredited, in-house, modified, or ad hoc methods, etc.) which are normally used to analyse their customer samples and record the method used on the results sheet.

4. RESULTS

(a) Report triplicate data individually as well as the arithmetic mean in Part I of the "Results Proforma".

(b) Estimate and report the relative expanded uncertainty (± %) for individual analyte.

(c) Fill in the information of your analytical method in Part II of the "Results Proforma".

(d) Submit the results electronically to the HKGL on or before **29 July 2007** to T58@govtlab.gov.hk using the soft copy of the "Results Proforma" provided.

(Notes: 1.Under normal circumstances, results submitted after the deadline will not be accepted. 2. To avoid poor transmission quality, results returned by fax are not acceptable.)

5. ENQURIES

Please contact the HKGL for further enquiries at T58@govtlab.gov.hk

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RECEIPT FORM
(FOR PARTICIPATING LABORATORIES)

From: .....
(Name of Participating Laboratory)

.....
(Contact Person)

Email: .....

Date: .....

To: Dr. Siu-kay WONG
Secretary of the PT Advisory Board
HKGL,
Hong Kong.

Email: T58@govtlab.gov.hk

I hereby acknowledge the receipt of ONE sample (S/N: _____) for the APLAC T058 programme.

The sample(s) is/are found (intact / damaged)* and should be (suitable / not suitable)* for laboratory testing.

Remark(s) : .....

.....

.....

.....

* Delete as appropriate

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RESULTS PROFORMA

<Both Part I & II **MUST** be completed by Participating Laboratory>

Name of Participating Laboratory: _____

_____

Contact Person: (Prof/Dr/Mr/Ms)* _____ Signature: _____

Email: _____

Part I: Analytical Results

Analyte	Concentration (in **μg/kg**, on as-received weight basis)				Measurement Uncertainty	
	Data 1	Data 2	Data 3	Mean	Rel. Expanded Uncertainty (%)	Coverage Factor (k)
MG						
LMG						

* Delete as appropriate

◆ Please submit this "Results Proforma" electronically to the HKGL at T58@govtlab.gov.hk

§ 1. It is the responsibility of the participants to avoid collusion and falsification of result so as to ensure a reliable assessment to be made in this proficiency testing programme.

2. The performance of participating laboratories nominated by their accreditation bodies may be disclosed to their respective accreditation bodies. By participating in this programme, laboratories agree with this arrangement.

To be continued …

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RESULTS PROFORMA

<Both Part I & II **MUST** be completed by Participating Laboratory>

Part II: Test Parameters

1. Analytical Instrument(s): HPLC-UV / LC-MS / LC-MS/MS (*delete as appropriate)

   Others: .....
   (please specify)

2. Analytical Column(s):
   (Type and dimensions) .....

3. Mobile Phase:
   (Flow rate, gradient elution, etc) .....

4. Internal Standard(s): .....

5. Extraction Solvent & Method: .....

6. Cleanup (if any): .....

7. Method Accredited? YES / NO (*delete as appropriate)

8. Other Additional Information: .....
   (please specify)

Date: _____