



APLAC T089 Proficiency Testing Programme
“Determination of As,Cu,Pb and Cd in Laver”



Instructions to Participants

To ensure the samples can be analyzed properly, participants are asked to adhere carefully to the following instructions.

1. Samples

One PT test sample will be supplied to each laboratory in a sealed bottle with labels which are the same as the labels shown on the “Results Report Form”. The weight of each sample is approximately 25g. The sample will be contaminated at the nature levels with As, Cu, Pb and Cd contents.

Upon receipt of the sample, please complete the Sample Receipt Form (Participating Laboratories) and return it to your accreditation body and the coordinator of the proficiency testing (Email:zhangwenhao0912@126.com, zhangwenhao0912@yahoo.com.)

2. Testing Period and Storage Instruction

Testing may commence as soon as samples received.

Please keep the samples in the desiccators at room temperature. Once the sample bottle opened, the tests must be performed immediately. The results are required to be reported in mg/Kg, as received.

3. Properties for Measurement

The following test items will be measured in this proficiency testing.

- a) Total As
- b) Total Cu
- c) Total Pb
- d) Total Cd

4. Measurement Procedure

The procedure used for the analyses should resemble as closely as possible the ones used for routine analyses. Please perform two sets of measurements for each

sample and record the test results for these two sets. The results are to be reported in the unit of mg/Kg, with three significant digits.

Uncertainty is required to be calculated and reported by the participating laboratories. The total uncertainty of each measured quantity shall be expressed in expanded uncertainty with a confidence interval of 95 % or a coverage factor $k=2$.

5. Documents Submitting

- a) On or before Dec. 5, 2014 send the following to your accreditation body electronically:
 - i. Results Report Form;
 - ii. Any supporting documentation to assist in the interpretation of the results.
- b) At the same time, please provide the electronic copy of the above to the contact in Section 6.

The accreditation body is required to ensure that the above information has been supplied by their laboratories in time, and should provide translation into English where necessary.

6. General Information

Additional information may be obtained from:

Name: Wenhao Zhang

Email: zhangwenhao0912@126.com, zhangwenhao0912@yahoo.com.

Phone: +86-532-80885078