



中国合格评定国家认可委员会

China National Accreditation Service for Conformity Assessment

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APLAC T050 Prawn Nitrofurans Metabolites Proficiency Testing Program

Objective

The objective of this proficiency testing program is to evaluate the competence of laboratories for quantitative testing of nitrofurans metabolites in prawn samples.

Organization

The program will be coordinated by CNAS (China National Accreditation Service for Conformity Assessment), China.

Samples

Three prawn samples will be supplied to each participant. The samples will be sub-sampled from one gross sample and packaged in aseptic bags.

Homogeneity testing

Twelve bags from gross sample will be tested for homogeneity. The samples were prepared and tested by Technical Centre of Liaoning Entry-Exit Inspection & Quarantine Bureau (LNCIQ) of People's Republic of China. It has been accredited according to ISO/IEC 17025 and ILAC G13.

Tests

The participating laboratories will be requested to test four nitrofurans metabolites, 3-amino-2-oxazolidone (AOZ), 3-amino-5-morpholinomethyl-2-oxazolidone (AMOZ), 1-amino-hydantoin (AHD) and semicarbazide (SEM) in the samples.

Methodology

For testing each metabolite, routine methods should be preferably used, such as LC/MS or LC/MSⁿ method. Other methods could also be used, however, the limit of detection should be better than 0.2 µg/kg.

Statistical analysis of results

Z-scores will be calculated to evaluate results reported by the participants, unless they will be inapplicable. Graphic technology will be used additionally.

Schedule for program

Aug, 2007	Advise APLAC members, EA, IAAC and other contacts for participating
By Oct 25, 2007	Accept nominated laboratories
Nov/Dec, 2007	Dispatch samples to nominated laboratories
Jun 30, 2007	Testing deadline
By Feb 28, 2007	Issue interim report
By Apr 30, 2007	Issue final report