



## PROFICIENCY TESTING PROGRAM

### FOOD

#### Company Background

Proficiency Testing Australia (PTA) is one of Australia's largest and most experienced proficiency testing providers. We have a reputation for providing friendly, customer-focussed service using qualified, experienced staff and specialists.

PTA is able to service a very broad range of industries, and many of our clients come to use our services based on the recommendation of colleagues. PTA has offices in Sydney and Brisbane, so our services and support are readily accessible.

PTA is accredited as a Proficiency Testing Provider by International Accreditation New Zealand (IANZ). The accreditation covers the specific proficiency testing programs listed on the agreed scope of accreditation. The accreditation meets the requirements of ISO/IEC 17043:2010 *Conformity assessment - general requirements for proficiency testing*.

#### Aim of the Program

The aim of the Food program is to test each participant's ability to competently perform chemical analysis of foodstuffs.

#### Application of program to accreditation

Participation in proficiency testing programs would satisfy requirements of ISO/IEC 17025: 2005 *General requirements for competence of testing and calibration laboratories*.

#### Program Details

The Food program is conducted annually. Sample types may be dairy or non-dairy.

Participants receive a set of two food samples and are asked to test these samples for a range of tests including, but not limited to, Protein, Fat, Total Nitrogen, Moisture, Ash, Salt, Dietary Fibre, Carbohydrate and Energy. Food samples typically tested for in a dairy round of the program have included skim milk powder, whole milk and cheese. Food samples typically tested for in a non-dairy round of the program have included meat paste, fish paste, wheat flour, biscuits, fruit and fruit juice. Additional types of food samples to be tested in this program may be considered upon request.

Participants are asked to analyse the samples, provide an estimate of their measurement uncertainty and to indicate the methods they used. The results submitted by participants for a particular test are typically pooled across all methods and robust z-scores are used to analyse the results. Participants are requested to report an estimate of their measurement uncertainty (MU).

A final report, summarising the information submitted by all of the participants can be viewed on the PTA website at the conclusion of each round of the program. A summary sheet is also sent to each individual participant at the conclusion of the program. This summary sheet details the performance of that laboratory in the program.

### **Confidentiality**

Each participating laboratory is assigned a code number to allow for confidential treatment of results in all reports and publications produced by PTA. Please refer to the PTA website (<http://www.pta.asn.au/index.php/programs/confidentiality>) for more information.

### **Fees**

Please contact PTA for information on fees for this program.

### **Further Information**

For further information on the Food Program contact [ptaenquiry@pta.asn.au](mailto:ptaenquiry@pta.asn.au)