

The presence of antimicrobial drug residues in milk and milk products presents significant public health concerns and implications for international trade. The VeriTest<sup>®</sup> Antimicrobials programme has been developed specifically for the Australian dairy industry and covers a range of antibiotic groups selected by independent technical advisers.



### PROGRAMME OBJECTIVE

Routine testing of milk and milk products is an integral part of verification activities for detecting drug residues. It provides critical information supporting consumer safety, process controls, supplier assurance, process improvement, market access, and compliance with operator and regulatory requirements, therefore there is an ongoing need for dairy authorities and dairy companies to have confidence that laboratories conducting testing for these residues are proficient.

Participation in a proficiency programme provides assurances that laboratory testing meets industry requirements.

### BENEFITS OF PARTICIPATING

#### ➤ Confidence in Results

Performance can be demonstrated to:

- Management
- Customers
- Regulatory Authorities

#### ➤ Compliance with

- Regulatory and market access requirements
- Laboratory Standards (e.g. ISO 17025)

#### ➤ Performance Monitoring

Performance can be assessed for:

- Different kits
- Different analysts
- Different methods

### PROGRAMME FEATURES

- Comprehensive range of antimicrobials from different groups.
- Target ranges are appropriate to test capability and/or industry requirements.
- Technical direction from an independent Technical Advisory Group ensuring relevance to current industry needs.
- Comprehensive Report per round on laboratory performance.

### ACCREDITATION

Global Proficiency is accredited to ISO/IEC 17043: Conformity Assessment - General Requirements for the competence of proficiency testing providers; our scope does not currently include the VeriTest<sup>®</sup> Antimicrobials programme, however, it is operated under the same quality management system.

### PROGRAMME SCHEDULE AND SAMPLES

Rounds are offered at four times per year (Feb, May, August and October) and each round consists of an eight-sample set. Antimicrobial levels are set at the Australian Maximum Residue Limit (MRL) and 2x AU MRL to gauge performance across the concentration gradient.

### AVAILABLE TESTS

Antimicrobials are selected from the various groups and may include:

- Penicillins
- Cephalosporins
- Aminoglycosides
- Macrolides
- Tetracyclines

Blank samples are also included to check occurrence of false-positive results and results are submitted as "Positive" or "Negative".

Global Proficiency also supplies stable Penicillin G QC samples for use in daily testing.

**FOR MORE INFORMATION, PLEASE VISIT OUR**

**WEBSITE**

**[www.global-proficiency.com](http://www.global-proficiency.com)**

**OR EMAIL**

**[enquiries@global-proficiency.com](mailto:enquiries@global-proficiency.com)**