

Global Proficiency's NewsChek

Issue 24, June 2023

WaterChek Microbiology

***Pseudomonas aeruginosa* test in Potable Water (WMP) samples:**

We have traditionally offered the *Pseudomonas aeruginosa* test within our Potable Water Micro (WMP) category twice per year in the April and August rounds. Recently we have experienced challenges maintaining the stability of the *Pseudomonas* strains used in the WMP samples, so we have introduced a separate category, 'WMX' which will only contain strains of *P. aeruginosa*. The WMX category will be offered as a two-sample set of FDvials and for those labs participating in the Potable Water (WMP) category wishing to test for *P. aeruginosa*, you will be enrolled to receive the WMX sample set free of charge. Any laboratory that has not previously tested for *P. aeruginosa* and wishes to do so in the future, will need to let us know so that you can be enrolled in the next WMX category - August rounds.

***Pseudomonas aeruginosa* test on Pool Water (WML) samples:**

We have also traditionally offered the *Pseudomonas aeruginosa* test within our Pool Water Micro (WML) category however we are now going to introduce a separate category, 'WMY' which will only contain *P. aeruginosa*. The WMY category will be offered as a two-sample set of FDvials and for the upcoming June round, all labs participating in the Pool Water (WML) category will be enrolled to receive the WMY sample set free of charge.

Any questions please contact our team at:
mwprof@globalproficiency.com

RM/QCM Update

UHT Milk QC material comes in a 250mL carton, and is supplied with a Data Summary Sheet of assigned values.

The tests included on the summary are as follows:

- Fat (%m/m)
- Protein (%m/m)
- Total Solids (%m/m)
- Titratable Acidity (°T)
- Titratable Acidity (% lactic acid)

To view available QCMs, please visit our website at:

<https://www.globalproficiency.com/liquid-dairy-rms>

If you would like to place an order please email our sales team at:

sales@globalproficiency.com



Upcoming Rounds

Please see below our upcoming rounds and QC despatches:

June

- DairyChek (Rd 6)
- LipidChek (Rd 6)
- MWPF (Rd 6)
- MilkChek (Rd 6)
- VeriTest Cream (Rd 6)
- VeriTest Milk (Rd 6)
- VT UHT Products (Rd 6)
- BeverageChek (Rd 7)
- NurtureCHek (Rd 7)
- WaterChek Chem (Rd 7)
- PlantChek (Rd 8)
- SoilChek (Rd 9&10)
- VeriCal (2808)

July

- DairyChek (Rd 7)
- HoneyChek (Rd 7)
- MilkChek (Rd 7)
- VT UHT Products (Rd 7)
- MWPF (Rd 7&8)
- FertChek (Rd 8)
- WaterChek Chem (Rd 8)
- Raw Cream QC (14497)

To participate in any of the rounds above please contact our team at
registrations@globalproficiency.com

IANZ Audit

In May, Global Proficiency had its annual IANZ assessment, which was a combined assessment of our organisation as a **Proficiency Testing Provider to ISO/IEC 17043** and a **Reference Material Producer to ISO 17034**.

This year, we were midway through our four-year assessment cycle, which meant we were due for a technical assessment. This time, the technical scope review focused on the Proficiency Testing aspect of our business. The Technical Expert examined our statistical processes relating to round assessment as well as those applied to sample homogeneity and stability assessment.

We are pleased to report we had a good outcome from the assessment, with no conditions raised and a few recommendations offered to assist ongoing improvement. If you would like to view our latest Certificates of Accreditation, please visit: <https://www.ianz.govt.nz/directory>.



Meet The Team



Chris Silvester is our Customer Experience Specialist who joined the Global Proficiency team in 2021. He has over 12 years of customer service experience. Chris is very passionate about helping customers and enjoys getting to know our customers.

Outside of work Chris enjoys socialising and travelling to explore new places.

Uncertainty of Measurement

Global Proficiency's DataChek Uncertainty of Measurement (UoM) service is offered as a way to easily and efficiently estimate your laboratory's measurement uncertainty. Regularly providing data to a proficiency provider builds up a catalogue of information that can be very valuable.

Assuming you have participated regularly, we offer three reports to help you estimate your UoM. The first report is simply a file containing your raw historical data which you can upload into your own system, or manipulate in a spreadsheet. The second report is a statistical analysis of each test method and the associated UoM, Bias, and Total Analytical Error (TAE). The third report plots past Z Scores onto a Levey-Jennings chart and applies a number of Quality Control rules collated and adapted over many years (Westgard Rules).

Your laboratory UoM's can then be monitored in future ILCP rounds by submitting them alongside your results where they will be assessed in a ILCP round UoM report (which is part of our current suite of ILCP reports and is at no additional cost).

If you are interested in this service, please contact us at; enquiries@global-proficiency.com



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