

Global Proficiency's NewsChek

Issue 30, June 2024

DataChek– UoM

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 and would like a quote, please contact us at: enquiries@global-proficiency.com



Bob's Retirement

After well over 50 years of service, our Senior Development Scientist, Bob Hutchinson entered his well-deserved retirement last month. All of us at Global Proficiency feel extremely privileged to have worked with Bob, a true legend of New Zealand's science scene. Bob's sharp mind and positive outlook on life are a true inspiration to all of us. The team gathered to mark this special milestone with some good food, nice stories, and gifts (as pictured below).



Upcoming Rounds

Please see below our upcoming rounds and QC despatches:

June

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

July

- DairyChek (Rd 7)
- HoneyChek (Rd 7)
- MilkChek (Rd 7)
- NurtureChek (Rd 7)
- VT UHT Products (Rd 7)
- MWPF (Rd 7&8)
- FertChek (Rd 8)
- WaterChek Chem (Rd 8)
- Raw Cream QC (15405)
- VeriCal (0909)

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

IANZ Audit

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

This year, our status as an Accredited Proficiency Testing Provider was assessed to determine conformity with the requirements of the second edition of ISO/IEC 17043: **2023** (previously 2010).

We are pleased to report we have been recommended for continuation of accreditation for both our Reference Material Producer (RMP) and Proficiency Testing Provider (PTP), including the update of the ISO/IEC 17043 conformance standard. Once we receive our new Certificates of Accreditation, we will update our marketing documents to reference the new standard, where applicable.

If you have any questions regarding this, please don't hesitate to contact us.



Meet The Team



Sudha has recently joined the team at Global Proficiency as a Despatch Technician in our Hamilton office. Sudha has extensive experience within a lab environment and has been working in labs for the past 20 years across different industries. Sudha has her Masters in Food Science and Chemistry.

In her free time, Sudha enjoys drawing and painting different shades of life, gardening and lots of cooking.

UPDATE: Client Rolling Summary Reports

To assist laboratories to quickly review proficiency testing participation and ratings, we have made the following improvements to our Client Rolling Summary reports:

- When a test was not offered, the cell will now be greyed out.
- When a test is offered, but no result was submitted, a blank white cell will be displayed.
- When a test was unable to be assessed, a rating of 'NA' will be displayed in the cell, to show that data was still submitted by the laboratory for that test.
- Any withdrawn test will be represented by a rating of 'WD'



WaterChek Chemistry - Rolling Summary

Sample Ratings from 06-16 to 05-24 (month-year)

Z Score Assessments

Lab No. :

(Final Report)	05-24	11-23	05-23	11-22	05-22	11-21	05-21	05-20	05-19	05-18	06-17	06-16
WSS - ABS_254NM (AU/cm) (Rpt1)	Warning Action	Action Good	OK Good	Good Good	Good Good	Action Action	Action Action	OK OK	OK OK			
WSS - Alkalinity Total (mg/L) (Rpt1)	OK Good	OK OK	Good OK	Good OK	Warning OK	Action OK	Action Good	Good Good	Warning OK	Good Good	OK Good	OK OK
WSS - Ammonia-N (mg/L) (Rpt1)												Good OK
WSS - BOD cBOD (mg/L) (Rpt1)	Good OK		OK Good	OK OK	Good Good		Good Good	WD WD	OK Good			NA NA

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