



Report No. 1357/2019

Proficiency Testing Program
Organised by
Center for Laboratory Proficiency Testing
Department of Science Service,
Ministry of Science and Technology, Bangkok, Thailand
Total Kjeldahl Nitrogen (TKN) in water
PTEN - W10 - 1901
26 April 2019
SUMMARY SHEET

Laboratory Name : Technical Training and Support Service, Center for Scientific and Technological Equipment, Walailak University

Laboratory Code : W10 - 1901 - 083

Test item	Number of results	Assigned value (X_{pt})	Standard deviation for proficiency assessment (σ_{pt})	Lab's result		z-score
				Value	MU	
Total Kjeldahl Nitrogen (TKN) (mg/L)	119	44.17	4.42	44.4	-	0.05

Note

1. Assigned value (X_{pt}) is the robust average of the participant results in this round, calculated by using Algorithm A (ISO 13528: 2015).
2. Standard deviation for proficiency assessment (σ_{pt}) is the target standard deviation from expert judgement.
3. Each z-score marked with "A" is an outlier ($|z| \geq 3.0$). Therefore, laboratory which is marked with "A" shall investigate the result. Laboratory is also encouraged to review the result which has an absolute z-score value between two and three ($2.0 < |z| < 3.0$) marked with "W".
4. This summary sheet shall be read in conjunction with the final report.

Reported by

rr. Aupaiboon

(Mrs. Wannee Aupaiboon)
Program Coordinator

Approved by

rr. Aupaiboon

(Mrs. Wannee Aupaiboon)
Head of Center for Laboratory Proficiency Testing
Department of Science Service