

Proficiency Testing Program
Organised by
Center for Laboratory Proficiency Testing
Department of Science Service,
Ministry of Science and Technology, Bangkok, Thailand
Total Suspended Solids (TSS) in water

PTEN - W04 - 1901

2 May 2019

SUMMARY SHEET

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

Laboratory Code : W04 - 1901 - 158

Sample	Number of results	Assigned value (x_{pt}) (mg/L)	Standard deviation for proficiency assessment (σ_{pt}) (mg/L)	Lab's result (mg/L)		z-score
				Value	MU	
A	297	78.3	6.3	77	1.4	-0.21
B	296	183.4	14.7	186	3.3	0.18

Note

1. Assigned values (x_{pt}) are the robust averages of the participant results in this round, calculated by using Algorithm A (ISO 13528: 2015).
2. Standard deviations for proficiency assessment (σ_{pt}) are the target standard deviations from previous rounds and 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

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