

Proficiency Testing Program
Organised by

Center for Laboratory Proficiency Testing

Department of Science Service,

Ministry of Science and Technology, Bangkok, Thailand

* Moisture, Protein, Crude fat, Crude fiber and Ash in Feeding stuffs

PTFF - FA01 - 1801

16 July 2018

SUMMARY SHEET

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

Laboratory Code : FA01 - 1801 - 060

Test items	Number of results	Assigned value (x_{pt}) (g/100g)	Standard deviation for proficiency assessment (σ_{pt}) (g/100g)	Lab's result (g/100g)		z-score
				Value	MU	
Moisture, Temp. (103 ± 2)°C	53	8.69	0.26	-	-	-
Moisture, Temp. (135 ± 2)°C	93	9.69	0.39	9.05	-	-1.64
Protein (N x 6.25)	118	18.12	0.36	18.54	-	1.17
Crude fat (solvent extraction)	93	4.65	0.28	5.02	-	1.32
Crude fat (solvent extraction after acid hydrolysis)	34	5.49	0.66	-	-	-
Crude fiber	89	3.23	0.48	3.33	-	0.21
Ash	108	7.43	0.19	7.66	-	1.21

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

W. Aupaiboon

(Mrs. Wannee Aupaiboon)
Program Coordinator

Approved by

P. Tagheen

(Mrs. Pochaman Tagheen)
Head of Center for Laboratory Proficiency Testing
Department of Science Service