



Certificate No. : P007-201005

財團法人全國認證基金會  
Taiwan Accreditation Foundation

## Certificate of Accreditation

This is to certify that

**Department of Science Service**  
**Center for Laboratory Proficiency Testing**  
75/7 Rama VI road, Rachathewe district, Bangkok 10400, Thailand.

**is accredited in respect of Proficiency Testing Provider**

**Accreditation Criteria** : ISO/IEC 17043:2010  
**Accreditation Number** : P007  
**Originally Accredited** : June 07, 2010  
**Effective Period** : October 07, 2020 to October 06, 2025  
**Accredited Scope** : Proficiency testing provider, see described in the Appendix

*Ching-Chang Lien*

Ching-Chang Lien  
President, Taiwan Accreditation Foundation  
Date : October 05, 2020



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Proficiency

Testing Provider : Mrs. Wannee Aupaiboon  
Head

Code	PT program	Property	PT item	Determination of assigned value	Expected frequency
09C	Proximate analysis and pH in flour.	Moisture, Protein, Ash, pH	flour	Consensus Value from participants	Once a year
12C	Proximate analysis in feeding stuffs	Moisture, Ash, Fat, Protein, Fiber	feeding stuffs (powder)	Consensus Value from participants	Once a year
12C	Mineral in feeding stuffs	Ca, Cu, Fe, K, Mg, Mn, Na, P, Zn	feeding stuffs (powder)	Consensus Value from participants	Once a year
12C	Water soluble chloride (NaCl) in feeding stuffs	Water soluble chloride (NaCl)	feeding stuffs (powder)	Consensus Value from participants	Once a year
13C	Chemical Oxygen Demand (COD) in water	Chemical Oxygen Demand (COD)	water	Consensus Value from participants	Once a year
13C	Heavy metals in water	As, Cd, Cr, Cu, Fe, Mn, Ni, Pb, Se, Zn	water	Reference Value Consensus Value from participants	Once a year
13C	pH-value in water	pH-value	water, waste water	Reference Value	Once a year
13C	Total Dissolved Solids (TDS) in water	Total Dissolved Solids (TDS)	water	Consensus Value from participants	Once a year
13C	Total hardness (as CaCO <sub>3</sub> ) and Chlorides (as Cl) in water	Chlorides (as Cl)	water	Consensus Value from participants	Once a year
13C	Total Suspended Solids (TSS) in water	Total Suspended Solids (TSS)	water	Consensus Value from participants	Once a year
26C	Hydrochloric acid (HCl) and Ethylenediamine acetic acid	Hydrochloric acid (HCl) and Ethylenediamine	liquid	Consensus Value from participants	Once a year

P2, total 3 pages



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	(EDTA) standard solution	inet - etraacetic acid (EDTA)			
KA	Calibration of Dimension	Dimension	KA 10: Gauge Block KA 20: Caliper Dial Gauge Micrometer Thickness Gauge	Reference Value	Once a year (Caliper & Micrometer ) Biennial
KC	Calibration of Mass	Mass	KC 10: Electronic Balance Weights	Reference Value	Biennial
KE	Calibration of Temperature / Humidity	Temperature, Humidity	KE 10: Thermometer KE 20: Thermo-Hygr ometer	Reference Value	Biennial
KI	Calibration of Volume	Volume	KI 90: Volumetric Flask Volumetric Pipette	Reference Value	Biennial

(Null below)