

Proficiency testing programs for the fiscal year 2025 (for international)
Center for Laboratory Proficiency Testing, Department of Science Service

Program	Matrix	Analyze	Price (USD)	Expected number of laboratory	Final Date of Application	Expected start	Contact person
Food	Feeding stuffs	* Water - soluble chlorides (as NaCl)	250	40	13 December 2024	6 January 2025	Ms. Suprawee Wongsuchoto Mrs. Apisthaa Changsuphan Ms. Suwimol Boonmee Ms. Phattaraporn Nutkrasae
		* Ca, Cu, Fe, Mg, Mn, K, Na, Zn and P	300	50	10 January 2025	4 February 2025	
		* Moisture, Protein, Crude fat, Crude fiber and Ash	300	100	14 February 2025	21 April 2025	
	Flour	* Moisture, Protein, Ash and pH - value	250	100	30 January 2025	20 January 2025	
	Starch	Aerobic plate count	250	100	10 January 2025	24 February 2025	
	Milk powder	Moisture, Protein, Fat and Ash	250	30	31 January 2025	10 March 2025	
	Food	Water activity (pilot study)	250	30	31 January 2025	24 March 2025	
	PP Plastic sheet	Evaporation residues of 4% (v/v) acetic acid (ASEAN PROGRAM) Range: (1 - 100) mg/dm ³	250	15	1 April 2025	20 May 2025	
Environment	Water	* Total hardness (as CaCO ₃) and Chlorides (as Cl) Range: (5 - 500) mg/L	300	250	11 November 2024	25 November 2024	Ms. Suprawee Wongsuchoto Mr. Surasak Thanutchapisut Ms. Nongyao Nontawong Ms. Tawinan Apichartsitporn Ms. Metawan Surit
		* pH - value Range: 3.0 - 7.0 and 7.0 - 10.0	250	400	2 December 2024	11 December 2024	
		* Heavy metals (As, Cd, Cr, Cu, Fe, Mn, Ni, Pb, Se, Ba and Zn) Range: (0.005 - 5) mg/L for each element	300	200	2 December 2024	16 December 2024	
Environment (cont.)	Water (cont.)	Mercury (Hg) Range: (0.05 - 10) µg/L	250	80	30 December 2024	27 January 2025	Ms. Suprawee Wongsuchoto Mr. Surasak Thanutchapisut

- Note :
- * The programs have been accredited according to ISO/IEC 17043: 2010 by Taiwan Accreditation Foundation (TAF)
 - Proficiency testing providers will select suitable subcontractors for homogeneity testing, stability testing and reference laboratory.
 - For more information, please contact by e-mail: clpt@dss.go.th

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		* Total Suspended Solids (TSS) Range: (50 - 500) mg/L	250	300	17 January 2025	10 March 2025	Ms. Nongyao Nontawong Ms. Tawinan Apichartsitporn Ms. Metawan Surit
		* Chemical Oxygen Demand (COD) Range: (100 - 1000) mg/L	250	250	14 February 2025	24 March 2025	
		* Total Dissolved Solids (TDS) Range: (50 - 1000) mg/L	250	300	30 April 2025	19 May 2025	
		Biochemical Oxygen Demand (BOD ₅) Range : (50 - 300) mg/L	250	200	30 April 2025	26 May 2025	
Chemistry	Block rubber	Dirt, Ash, Nitrogen, Volatile matter, Po, PRI, Colour and Mooney viscosity (round 1)	250	80	25 November 2024	9 January 2025	Ms. Suprawee Wongsuchoto Ms. Nongyao Nontawong Mr. Surasak Thanutchapisut Ms. Tawinan Apichartsitporn Ms. Metawan Surit
		Dirt, Ash, Nitrogen, Volatile matter, Po, PRI, Colour and Mooney viscosity (round 2)	250	80	25 April 2025	28 May 2025	
	Standard solution	* Hydrochloric acid (HCl) and Ethylenediaminetetraacetic acid (EDTA) Range: (0.001 - 1.0) M	250	40	8 January 2025	27 January 2025	
Chemistry (cont.)	Stainless steel	C, Cr, Mn, Mo, Ni, P, S and Si	350	20	12 March 2025	1 April 2025	Ms. Suprawee Wongsuchoto Ms. Nongyao Nontawong Mr. Surasak Thanutchapisut Ms. Tawinan Apichartsitporn Ms. Metawan Surit
	Dishwashing	pH - value and anionic surfactant (pilot study) Range: 4.0 - 10.0	250	20	21 February 2025	17 March 2025	

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Physics	Steel plate	Maximum force, Yield force, Yield strength, Tensile strength and Elongation UTM Range: (100 - 450) kN	250	20	3 January 2025	21 January 2025	Mrs. Acharawan Wattanahuttakum Ms. Suprawee Wongsuchoto Ms. Kittiya Plermjai Mr. Apirak Vanapattanakul Ms. Wipada Jarupongjitrat
	Deform bar steel	Maximum force, Yield force, Yield strength, Tensile strength and Elongation (pilot study) UTM Range : (100 - 450) kN	250	20	1 April 2025	26 May 2025	
	Vulcanized rubber	Tensile strength at break and Elongation at break (pilot study) UTM Range : (100 - 1000) N	250	20	1 April 2025	17 June 2025	

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