



Ref No. : 0303/12532

CERTIFICATE OF PROFICIENCY TESTING PROVIDER ACCREDITATION

This is to certify that

*Bureau of Quality and Safety of Food, Department of Medical Sciences
88/7 Department of Medical Sciences, Ministry of Public Health, Tivanon Road,
Tambon Talat Khwan, Amphoe Mueang, Changwat Nonthaburi 11000 Thailand*

has successfully undergone assessment according to ISO/IEC 17043 : 2023
and under the Bureau of Laboratory Accreditation, Department of Science Service
and the requirements, regulations and criteria for the competence of proficiency testing provider

LABORATORY ACCREDITATION
Accreditation Number PTP - 0004
BLA-DSS

The scope of accreditation is as annexed hereto

Issue date : 24th November 2025

Expired date : 23rd November 2029

Signature : *Chantararat Vorasapavit*
(Mrs. Chantararat Vorasapavit)

Director of Bureau of Laboratory Accreditation

Bureau of Laboratory Accreditation, Department of Science Service,
Ministry of Higher Education, Science, Research and Innovation

Scope of Proficiency Testing Provider Accreditation

Name : Bureau of Quality and Safety of Food, Department of Medical Sciences

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Tambon Talat Khwan, Amphoe Mueang, Changwat Nonthaburi 11000 Thailand

Accreditation Number : PTP - 0004

Accreditation Standard : ISO/IEC 17043 : 2023

Item Number	Proficiency Testing Programmes	Measurand (s)	PT Item	Frequency
1	Thai aflatoxin analysis performance scheme in corn	- Aflatoxin (B1 and total)	Corn	1 Round / 1 Year
2	Thai aflatoxin analysis performance scheme in peanut	- Aflatoxin (B1 and total)	Peanut	1 Round / 1 Year
3	Caffeine in caffeinated beverages analysis performance scheme	- Caffeine	Caffeinated beverages	1 Round / 1 Year
4	Caffeine in energy drink analysis performance scheme	- Caffeine	Energy drink	1 Round / 1 Year
5	Pesticides proficiency testing scheme in cannabis, hemp, and products	- Pesticides	Cannabis, Hemp and Products	1 Round / 1 Year

Initial Issue Date 18th September 2012

Issue Number 9

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Item Number	Proficiency Testing Programmes	Measurand (s)	PT Item	Frequency
6	Metal proficiency testing scheme in cannabis, hemp and products	- Cadmium - Lead - Total mercury - Total arsenic	cannabis, hemp and products	1 Round / 1 Year
7	Food additive in liquid food analysis performance scheme	- Benzoic acid - Sorbic acid	Liquid food	1 Round / 1 Year
8	Food additive in semi-solid food analysis performance scheme	- Benzoic acid - Sorbic acid	Semi-solid food	1 Round / 1 Year
9	Food additive – synthetic organic color analysis performance scheme	- Synthetic organic color	Beverage	1 Round / 1 Year
10	Nutrient analysis of cow milk and ready-to-drink milk product performance scheme	- Total solids - Protein - Fat	Cow milk and ready-to-drink milk product	1 Round / 1 Year

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Item Number	Proficiency Testing Programmes	Measurand (s)	PT Item	Frequency
10 (cont.)	Nutrient analysis of cow milk and ready-to-drink milk product performance scheme	- Lactose - Sucrose	Cow milk and ready-to-drink milk product	1 Round / 1 Year
11	Iodine in table salt analysis performance scheme	- Iodine	Table salt	1 Round / 1 Year
12	Metal in food analysis performance scheme	- Total arsenic - Cadmium - Chromium - Copper - Iron - Lead - Manganese - Total mercury - Nickel - Zinc - Inorganic arsenic	Food	1 Round / 1 Year

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Item Number	Proficiency Testing Programmes	Measurand (s)	PT Item	Frequency
13	Nitrile Nitrate proficiency testing scheme in meat and meat products	- Nitrile - Nitrate	Meat and Meat products	1 Round / 1 Year
14	Pesticide residues in vegetable-fruit analysis performance scheme	- Pesticides	Vegetable and fruit	1 Round / 1 Year
15	Organochlorine pesticide residues in animal fat analysis performance scheme	- Organochlorine pesticide	Animal fat	1 Round / 1 Year
16	Metal in water analysis performance scheme	- Arsenic - Cadmium - Iron - Manganese - Lead - Copper - Silver	Water	1 Round / 1 Year

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16 (cont.)	Metal in water analysis performance scheme	- Chromium - Nickel - Zinc	Water	1 Round / 1 Year
17	Chemical in water analysis performance scheme	- Total solids - Total hardness - Chloride - Fluoride - Nitrate - Sulfate	Water	1 Round / 1 Year
18	Light filth proficiency testing scheme in rice flour	- Light Filth	Rice flour	1 Round / 1 Year
19	Light filth proficiency testing scheme in alimentary pastes	- Light Filth	Alimentary pastes	1 Round / 1 Year

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Item Number	Proficiency Testing Programmes	Measurand (s)	PT Item	Frequency
20	Food microbiological analysis performance scheme Coliforms	- Coliforms (MPN/g)	Lyophilized cultures	1 Round / 1 Year
21	Food microbiological analysis performance scheme <i>Escherichia coli</i>	- <i>Escherichia coli</i> (MPN/g)	Lyophilized cultures	1 Round / 1 Year
22	Food microbiological analysis performance scheme Coliforms	- Coliforms (CFU/g)	Lyophilized cultures	1 Round / 1 Year
23	Food microbiological analysis performance scheme <i>Clostridium perfringens</i>	- <i>Clostridium perfringens</i> (Detected or not detected/ 0.1 g)	Lyophilized cultures	1 Round / 1 Year
24	Food microbiological analysis performance scheme <i>Listeria monocytogenes</i>	- <i>Listeria monocytogenes</i> (Detected or not detected/ 25 g)	Lyophilized cultures	1 Round / 1 Year

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Item Number	Proficiency Testing Programmes	Measurand (s)	PT Item	Frequency
25	Food microbiological analysis performance scheme <i>Bacillus cereus</i>	- <i>Bacillus cereus</i> (CFU/g)	Lyophilized cultures	1 Round / 1 Year
26	Food microbiological analysis performance scheme <i>Salmonella</i> spp.	- <i>Salmonella</i> spp. (Detected or not detected/ 25 g)	Lyophilized cultures	1 Round / 1 Year
27	Food microbiological analysis performance scheme Mesophilic aerobic plate count	- Mesophilic aerobic plate count (CFU/g)	Lyophilized cultures	1 Round / 1 Year
28	Food microbiological analysis performance scheme <i>Staphylococcus aureus</i>	- <i>Staphylococcus aureus</i> (Detected or not detected/ 0.1 g)	Lyophilized cultures	1 Round / 1 Year
29	Food microbiological analysis performance scheme <i>Staphylococcus aureus</i>	- <i>Staphylococcus aureus</i> (CFU/g)	Lyophilized cultures	1 Round / 1 Year

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Item Number	Proficiency Testing Programmes	Measurand (s)	PT Item	Frequency
30	Food microbiological proficiency testing scheme Yeasts and molds	- Yeasts and molds (CFU/g)	Dried beverage	1 Round / 1 Year
31	Water microbiological analysis performance scheme <i>Salmonella</i> spp.	- <i>Salmonella</i> spp. (Detected or not detected/ 100 mL)	Lyophilized cultures	1 Round / 1 Year
32	Water microbiological analysis performance scheme <i>Staphylococcus aureus</i>	- <i>Staphylococcus aureus</i> (Detected or not detected/ 100 mL)	Lyophilized cultures	1 Round / 1 Year
33	Water microbiological analysis performance scheme <i>Staphylococcus aureus</i>	- <i>Staphylococcus aureus</i> (CFU/100 mL)	Lyophilized cultures	1 Round / 1 Year

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Item Number	Proficiency Testing Programmes	Measurand (s)	PT Item	Frequency
34	Water microbiological analysis performance scheme Coliforms, Fecal coliforms	- Coliforms, Fecal coliforms MPN/ 100 mL	Lyophilized cultures	1 Round / 1 Year
35	Water microbiological analysis performance scheme <i>Escherichia coli</i>	- <i>Escherichia coli</i> (Detected or not detected/ 100 mL)	Lyophilized cultures	1 Round / 1 Year

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Director of Bureau of Laboratory Accreditation

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