

Name : Bureau of Quality and Safety of Food, Department of Medical Sciences
Address : 88/7 Department of Medical Sciences, Ministry of Public Health,
Tivanon Road, Tambon Talat Khwan, Amphoe Mueang,
Changwat Nonthaburi 11000
Accreditation Number : PTP - 0004
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Scope of Proficiency Testing Provider Accreditation

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

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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 / year
7	Food additive in liquid food analysis performance scheme	- Benzoic acid - Sorbic acid	Liquid food	1 round / year
8	Food additive in semi-solid food analysis performance scheme	- Benzoic acid - Sorbic acid	Semi-solid food	1 round / year
9	Food additive – synthetic organic color analysis performance scheme	- Synthetic organic color	Beverage	1 round / 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 / year

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Item Number	Proficiency Testing Programes	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 / year
11	Iodine in table salt analysis performance scheme	- Iodine	Table salt	1 round / year
12	Metal in food analysis performance scheme	- Total arsenic - Cadmium - Chromium - Copper - Iron - Lead - Manganese - Total mercury - Nickel - Zinc	Food	1 round / 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 / year
14	Pesticide residues in vegetable-fruit analysis performance scheme	- Pesticides	Vegetable and fruit	1 round / year
15	Organochlorine pesticide residues in animal fat analysis performance scheme	- Organochlorine pesticide	Animal fat	1 round / year
16	Metal in water analysis performance scheme	- Arsenic - Cadmium - Iron - Manganese - Lead - Copper - Silver	Water	1 round / year

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

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Item Number	Proficiency Testing Programes	Measurand (s)	PT Item	Frequency
20	Food microbiological analysis performance scheme Coliforms	- Coliforms (MPN/g)	Lyophilized cultures	1 round / year
21	Food microbiological analysis performance scheme <i>Escherichia coli</i>	- <i>Escherichia coli</i> (MPN/g)	Lyophilized cultures	1 round / year
22	Food microbiological analysis performance scheme Coliforms	- Coliforms (CFU/g)	Lyophilized cultures	1 round / 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 / 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 / year

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Item Number	Proficiency Testing Programes	Measurand (s)	PT Item	Frequency
25	Food microbiological analysis performance scheme <i>Staphylococcus aureus</i>	- <i>Staphylococcus aureus</i> (MPN/g)	Lyophilized cultures	1 round / year
26	Food microbiological analysis performance scheme <i>Bacillus cereus</i>	- <i>Bacillus cereus</i> (CFU/g)	Lyophilized cultures	1 round / year
27	Food microbiological analysis performance scheme <i>Salmonella</i> spp.	- <i>Salmonella</i> spp. (Detected or not detected/ 25 g)	Lyophilized cultures	1 round / year
28	Food microbiological analysis performance scheme Mesophilic Aerobic Plate Count	- Mesophilic Aerobic Plate Count (CFU/g)	Lyophilized cultures	1 round / year

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Item Number	Proficiency Testing Programes	Measurand (s)	PT Item	Frequency
29	Food microbiological analysis performance scheme <i>Staphylococcus aureus</i>	- <i>Staphylococcus aureus</i> (Detected or not detected/ 0.1 g)	Lyophilized cultures	1 round / year
30	Food microbiological analysis performance scheme <i>Staphylococcus aureus</i>	- <i>Staphylococcus aureus</i> (CFU/g)	Lyophilized cultures	1 round / year
31	Food microbiological proficiency testing scheme Yeasts and molds	- Yeasts and molds (CFU/g)	Dried beverage	1 round / year
32	Water microbiological analysis performance scheme <i>Salmonella</i> spp.	- <i>Salmonella</i> spp. (Detected or not detected/ 100 mL)	Lyophilized cultures	1 round / year

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Item Number	Proficiency Testing Programes	Measurand (s)	PT Item	Frequency
33	Water microbiological analysis performance scheme <i>Staphylococcus aureus</i>	- <i>Staphylococcus aureus</i> (Detected or not detected/ 100 mL)	Lyophilized cultures	1 round / year
34	Water microbiological analysis performance scheme Coliforms, Fecal coliforms	- Coliforms, Fecal coliforms MPN/ 100 mL	Lyophilized cultures	1 round / 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 / year

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