



Ref No. : 0303/6432

CERTIFICATE OF PROFICIENCY TESTING PROVIDER ACCREDITATION

This is to certify that

*Foundation for Industrial Development National Food Institute
2008 Soi Arun Amarin 36, Arun Amarin Road, Bang Yi Khan,
Bang Phlat, Bangkok 10700*

has successfully undergone assessment according to ISO/IEC 17043 : 2010
and under the Bureau of Laboratory Accreditation, Department of Science Service
for the requirements, regulations and criteria for the competence of proficiency testing provider

LABORATORY ACCREDITATION
Accreditation Number PTP - 0002
BLA-DSS

The scope of accreditation is as annexed hereto

Issue date : 19th April 2023

Expired date : 18th April 2027

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

Scientist, Senior Professional Level

Acting 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 : Foundation for Industrial Development National Food Institute

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Accreditation Number : PTP - 0002

Item Number	Proficiency Testing Programmes	Measurand (s)	PT Item	Frequency
1	Microbiological analysis Detection of <i>Salmonella</i> spp. (per 25 g) in lyophilized cultures	- <i>Salmonella</i> spp. Detected or not detected	Lyophilized cultures	1 round / year
2	Microbiological analysis Detection of <i>Vibrio cholerae</i> (per 25 g) in lyophilized cultures	- <i>Vibrio cholerae</i> Detected or not detected	Lyophilized cultures	1 round / year
3	Microbiological analysis Detection of <i>Listeria monocytogenes</i> (per 25 g) in lyophilized cultures	- <i>Listeria monocytogenes</i> Detected or not detected	Lyophilized cultures	1 round / year
4	Microbiological analysis Enumeration of Coliforms (MPN/g) in lyophilized cultures	- Coliforms MPN/g	Lyophilized cultures	1 round / year

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5	Microbiological analysis Enumeration of Coliforms (cfu/g) in lyophilized cultures	- Coliforms cfu/g	Lyophilized cultures	1 round / year
6	Microbiological analysis Enumeration of <i>Staphylococcus aureus</i> (MPN/g) in lyophilized cultures	- <i>Staphylococcus aureus</i> MPN/g	Lyophilized cultures	1 round / year
7	Microbiological analysis Enumeration of <i>Staphylococcus aureus</i> (cfu/g) in lyophilized cultures	- <i>Staphylococcus aureus</i> cfu/g	Lyophilized cultures	1 round / year
8	Microbiological analysis Enumeration of <i>Vibrio parahaemolyticus</i> (MPN/g) in lyophilized cultures	- <i>Vibrio parahaemolyticus</i> MPN/g	Lyophilized cultures	1 round / year

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9	Microbiological analysis Enumeration of <i>Clostridium perfringens</i> (cfu/g) in lyophilized cultures	- <i>Clostridium perfringens</i> cfu/g	Lyophilized cultures	1 round / year
10	Microbiological analysis Enumeration of <i>Bacillus cereus</i> (cfu/g) in lyophilized cultures	- <i>Bacillus cereus</i> cfu/g	Lyophilized cultures	1 round / year
11	Microbiological analysis Enumeration of <i>Escherichia coli</i> (cfu/g) in lyophilized cultures	- <i>Escherichia coli</i> cfu/g	Lyophilized cultures	1 round / year
12	Microbiological analysis Enumeration of <i>Escherichia coli</i> (MPN/g) in lyophilized cultures	- <i>Escherichia coli</i> MPN/g	Lyophilized cultures	1 round / year
13	Microbiological analysis Total plate count (cfu/g) in freeze-dried shrimp	- Total plate count cfu/g	Freeze-dried shrimp	1 round / year

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14	Microbiological analysis Detection of <i>Salmonella</i> spp. (per 25 g) in freeze-dried shrimp	- <i>Salmonella</i> spp. Detected or not detected	Freeze-dried shrimp	1 round / year
15	Microbiological analysis Yeast and Mold count (cfu/g) in corn powder	- Yeast and Mold count cfu/g	Corn powder	2 rounds / year
16	Chemical analysis Moisture, Protein, Ash, Fat (g/100 g) in granular feed	- Moisture - Protein - Ash - Fat	Feed	1 round / year
17	Chemical analysis pH and °Brix in canned food	- pH - °Brix	Canned food	1 round / year
18	Chemical analysis NaCl (g/100 g) in canned food	- Sodium chloride	Canned food	2 rounds / year

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19	Chemical analysis Free fatty acid (g/100 g) in oil	- Free fatty acid	Oil	1 round / year
20	Chemical analysis Chloramphenicol ($\mu\text{g}/\text{kg}$) in shrimp	- Chloramphenicol	Shrimp	1 round / year
21	Chemical analysis Oxolinic acid (mg/kg) in shrimp	- Oxolinic acid	Shrimp	1 round / year
22	Chemical analysis Crude fiber (g/ 100 g) in granular feed	- Crude fiber	Feed	1 round / year
23	Microbiological analysis Detection of Flat sour thermophile (per 2 ml) in low acid canned food	- Flat sour thermophile Detected or not detected	Low acid canned food	1 round / year
24	Microbiological analysis Detection of <i>Salmonella</i> spp. (per 25 g) in freeze-dried chicken	- <i>Salmonella</i> spp. Detected or not detected	Freeze-dried chicken	1 round / year

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25	Microbiological analysis Total plate count (cfu/g) in freeze-dried chicken	- Total plate count cfu/g	Freeze-dried chicken	1 round / year
26	Microbiological analysis Detection of <i>Listeria monocytogenes</i> (per 25 g) in freeze-dried chicken	- <i>Listeria monocytogenes</i> Detected or not detected	Freeze-dried chicken	1 round / year
27	Microbiological analysis Enumeration of Coliforms (MPN/100 mL) in nonpotable water	- Coliforms MPN/100 mL	Nonpotable water	1 round / year
28	Microbiological analysis Enumeration of Enterococci (cfu/g) in lyophilized cultures	- Enterococci cfu/g	Lyophilized cultures	1 round / year

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29	Microbiological analysis Detection of <i>Salmonella</i> spp. (per 100 mL) in potable water	- <i>Salmonella</i> spp. Detected or not detected	Potable water	1 round / year
30	Microbiological analysis Detection of <i>Staphylococcus aureus</i> (per 100 mL) in potable water	- <i>Staphylococcus aureus</i> Detected or not detected	Potable water	1 round / year
31	Microbiological analysis Detection of <i>Staphylococcus aureus</i> (per 0.1 g) in lyophilized cultures	- <i>Staphylococcus aureus</i> Detected or not detected	Lyophilized cultures	1 round / year
32	Microbiological analysis Detection of <i>Vibrio parahaemolyticus</i> (per 25 g) in lyophilized cultures	- <i>Vibrio parahaemolyticus</i> Detected or not detected	Lyophilized cultures	1 round / year

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33	Microbiological analysis Detection of <i>Escherichia coli</i> (per 0.1 g) in lyophilized cultures	- <i>Escherichia coli</i> Detected or not detected	Lyophilized cultures	1 round / year
34	Microbiological analysis Detection of <i>Clostridium perfringens</i> (per 0.1 g) in lyophilized cultures	- <i>Clostridium perfringens</i> Detected or not detected	Lyophilized cultures	1 round / year

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