



Ref No. : 0303/3665

CERTIFICATE OF PROFICIENCY TESTING PROVIDER ACCREDITATION

This is to certify that

*Central Laboratory (Thailand) Company Limited
2179 Phaholyothin Road, Ladyao, Chatuchak, Bangkok 10900 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 - 0008

BLA-DSS

The scope of accreditation is as annexed hereto

Issue date : 8th April 2026

Expired date : 7th April 2030

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

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Accreditation Number : PTP - 0008

Accreditation Standard : ISO/IEC 17043 : 2023

Item Number	Proficiency Testing Program	Measurand	PT Item	Frequency
1	Determination of Tetracycline group in shrimp	- Tetracycline group	Shrimp	1 Round / 1 Year
2	Determination of β -agonists in pig urine	- β -agonists	Pig urine	1 Round / 1 Year
3	Determination of Heavy metal in fish muscle	- Cadmium - Lead - Mercury - Arsenic - Copper	Fish muscle	1 Round / 1 Year
4	Determination of Histamine in fish muscle	- Histamine	Fish muscle	1 Round / 1 Year

Initial Issue Date 15th July 2014

Issue Number 7

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5	Determination of Fluoroquinolone group and Quinolone group in shrimp	- Fluoroquinolone group - Quinolone group	Shrimp	1 Rounds / 1 Year
6	Determination of Nitrofurantoin metabolites in shrimp	- Nitrofurantoin (AHD) - Nitrofurantoin (AMZ) - Nitrofurantoin (AOZ) - Nitrofurantoin (SEM) - Nitrofurantoin metabolite (DNSH)	Shrimp	1 Round / 1 Year
7	Determination of Malachite green, Leucomalachite green and Total malachite green in shrimp	- Malachite green - Leucomalachite green - Total malachite green	Shrimp	1 Round / 1 Year

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8	Determination of Crystal violet in shrimp	<ul style="list-style-type: none"> - Crystal violet - Leucocrystal violet - Total crystal violet 	Shrimp	1 Round / 1 Year
9	Determination of pesticide residues in vegetables	Organochlorine group : <ul style="list-style-type: none"> - Aldrin - α-BHC - α-Chlordane - α-Endosulfan - β-BHC - β-Endosulfan - δ-BHC - Dicofol - Dieldrin - Endosulfan sulfate - Endrin - Endrin ketone 	Vegetables	1 Round / 1 Year

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9 (Cont.)	Determination of pesticide residues in vegetables	Organochlorine group : - γ - BHC (Lindane) - γ -Chlordane - Heptachlor - Heptachlor Epoxide - <i>o,p'</i> -DDD - <i>o,p'</i> -DDE - <i>o,p'</i> -DDT - <i>p,p'</i> -DDD - <i>p,p'</i> -DDE - <i>p,p'</i> -DDT	Vegetables	1 Round / 1 Year

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9 (Cont.)	Determination of pesticide residues in vegetables	Pyrethroid group :	Vegetables	1 Round / 1 Year
		- Bifenthrin - Cyfluthrin - Cypermethrin - Deltamethrin - Fenvalerate - λ -Cyhalothrin - Permethrin - Mirex		
		Organophosphate group :	Vegetables	1 Round / 1 Year
		- Acephate - Azinphos-ethyl - Azinphos-methyl - Chlorpyrifos-ethyl - Chlorpyrifos-methyl		

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9 (Cont.)	Determination of pesticide residues in vegetables	Organophosphate group : - DDVP - Diazinon - Dicrotophos - Dimethoate - Ethion - Ethoprophos - EPN - Fenitrothion - Fenthion - Malathion - Methamidophos - Methidathion - Mevinphos - Monocrotophos - Omethoate	Vegetables	1 Round / 1 Year

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9 (Cont.)	Determination of pesticide residues in vegetables	Organophosphate group :	Vegetables	1 Round / 1 Year
		<ul style="list-style-type: none"> - Parathion-ethyl - Parathion-methyl - Phosalone - Pirimiphos-ethyl - Pirimiphos-methyl - Profenofos - Prothiofos - Triazofos 		
		Carbamate group :	Vegetables	1 Round / 1 Year
		<ul style="list-style-type: none"> - Aldicarb - Adicarb sulfone - Adicarb sulfoxide - Carbaryl - Carbofuran 		

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9 (Cont.)	Determination of pesticide residues in vegetables	Carbamate group : - Carbofuran-3-hydroxy - Carbofuran-3-keto - Fenobucarb - Isoprocarb - Methiocarb - Methiocarb-sulfone - Methiocarb-sulfoxide - Metolcarb - Methomyl - Oxamyl - Promecarb - Thiodicarb	Vegetables	1 Round / 1 Year

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10	Determination of Sulfur dioxide in shrimp	- Sulfur dioxide	Shrimp	1 Round / 1 Year
11	Determination of Phosphorus as P ₂ O ₅ in shrimp	- Phosphorus (Calculated as P ₂ O ₅)	Shrimp	1 Round / 1 Year
12	Determination of Sulfonamide group in shrimp	- Sulfonamide group	Shrimp	1 Round / 1 Year
13	Determination of Chloramphenicol in shrimp	- Chloramphenicol	Shrimp	1 Round / 1 Year
14	Determination of Sulfur dioxide in tapioca starch	- Sulfur dioxide	Tapioca starch	1 Round / 1 Year

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Item Number	Proficiency Testing Program	Measurand	PT Item	Frequency
15	Determination of acid value in vegetable oil	- Acid value	Vegetable oil	1 Round / 1 Year
16	Determination of peroxide value in vegetable oil	- Peroxide value	Vegetable oil	1 Round / 1 Year
17	Determination of sodium chloride in fish muscle	- Sodium chloride	Fish muscle	1 Round / 1 Year
18	Determination of color (ADMI) in water	- Color	Water	1 Round / 1 Year

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Signature : 
 (Mrs. Chantarat Vorasapavit)

Director of Bureau of Laboratory Accreditation

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