



Ref No. : 0303/3940

## CERTIFICATE OF PROFICIENCY TESTING PROVIDER ACCREDITATION

This is to certify that

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

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 : 18<sup>th</sup> April 2025

Expired date : 17<sup>th</sup> April 2029

Signature : *Chantararat Vorasapant*  
(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 Programmes	Measurand (s)	PT Item	Frequency
1	Determination of Tetracycline group in shrimp	- Tetracycline group	Shrimp	1 Round / 1 Year
2	Determination of $\beta$ -agonists in pig urine	- $\beta$ -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 15<sup>th</sup> July 2014

Issue Number 6

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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 (AMOZ) - Nitrofurantoin (AOZ) - Nitrofurantoin (SEM) - Nitrofurantoin (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	- Crystal violet - Leucocrystal violet - Total crystal violet	Shrimp	1 Round / 1 Year
9	Determination of pesticide residues in vegetables	Organochlorine group : - Aldrin - $\alpha$ -BHC - $\alpha$ -Chlordane - $\alpha$ -Endosulfan - $\beta$ -BHC - $\beta$ -Endosulfan - $\delta$ -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 : - $\gamma$ - BHC (Lindane) - $\gamma$ -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 : - Bifenthrin - Cyfluthrin - Cypermethrin - Deltamethrin - Fenvalerate - $\lambda$ -Cyhalothrin - Permethrin - Mirex	Vegetables	1 Round / 1 Year
		Organophosphate group : - Acephate - Azinphos-ethyl - Azinphos-methyl - Chlorpyrifos-ethyl - Chlorpyrifos-methyl	Vegetables	1 Round / 1 Year

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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 : - Parathion-ethyl - Parathion-methyl - Phosalone - Pirimiphos-ethyl - Pirimiphos-methyl - Profenofos - Prothiofos - Triazofos	Vegetables	1 Round / 1 Year
		Carbamate group : - Aldicarb - Adicarb sulfone - Adicarb sulfoxide - Carbaryl - Carbofuran	Vegetables	1 Round / 1 Year

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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 $P_2O_5$ in shrimp	- Phosphorus (Calculated as $P_2O_5$ )	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 Programmes	Measurand (s)	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

Issue Date : 18<sup>th</sup> April 2025

Signature :   
 (Mrs. Chantarat Vorasapavit)

Director of Bureau of Laboratory Accreditation

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