



**Bureau of Laboratory Quality Standards  
Ministry of Public Health**

This is to certify that

**The laboratory of**

**Central Laboratory (Thailand) Co., Ltd.  
(Samut Sakhon Branch)**

**23/13 Moo 9, Khok kham, Mueang Samut Sakhon,  
Samut Sakhon 74000, Thailand**

has been accepted as an  
accredited laboratory complying with the ISO/IEC 17025 : 2017  
and the requirements of the Bureau of Laboratory Quality Standards

The laboratory has been accredited for specific tests  
listed in the scope within the field of

**Food Testing**

  
(Mr. Surasak Muenphon)

**Director of Bureau of Laboratory Quality Standards**

**Date of Accreditation : 22 September 2023**

**Valid Until : 20 April 2027**

**Accreditation Number 1078/48**



The laboratory of Central Laboratory (Thailand) Co., Ltd. (Samut Sakhon Branch) has been accepted as an accredited laboratory in the field of food testing for the following scopes.

No.	Type of Sample	Test	Method
1	Aquatic animal and aquatic animal product tissue (Fresh, Chilled, Frozen, Processed)	1. Phosphorus (as $P_2O_5$ )	In-house method TE-CH-080 based on Pearson's Chemical Analysis of food (1981), Eighth Edition. Page 29-31
		Arsenic speciation (Inorganic Arsenic) 2. Arsenic (III) ( $As^{3+}$ ) 3. Arsenic (V) ( $As^{5+}$ ) 4. Methylarsonic acid (MMA) 5. Dimethylarsinic acid (DMA)	In-house method TE-CH-442 based on Journal of AOAC International VOL.102, No.2, 2019 by HPLC-ICP/MS
2	-Poultry (Fresh, Chilled, Frozen) -Aquatic animal and aquatic animal product tissue (Fresh, Chilled, Frozen, Processed)	Nitrofurantol Metabolites 6. 3,5-dinitrosalicylic acid hydrazide (DNSH)	In-house method TE-CH-002 based on Journal of Food Chemistry Vol.342 (2021). Article 128389
3	Food*	7. <i>Clostridium botulinum</i> (Detected or not detected)	FDA BAM online, 2001 (Chapter 17)

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No.	Type of Sample	Test	Method
4	<ul style="list-style-type: none"> <li>● Potable water <ul style="list-style-type: none"> <li>- Drinking water</li> <li>- Drinking water in sealed container</li> <li>- Tap water</li> <li>- Water to be used in food production process</li> </ul> </li> <li>● Non-Potable water <ul style="list-style-type: none"> <li>- Natural water</li> <li>- Ground water</li> <li>- Surface water</li> <li>- Aquaculture water</li> <li>- Water supply</li> <li>- Tap water</li> <li>- Water to be used in the factory</li> <li>- Brackish water</li> </ul> </li> <li>● Ice</li> </ul>	8. <i>Enterococcus</i> spp. (CFU)	ISO 7899-2:2000 (E)
		9. <i>Clostridium perfringens</i> (CFU)	ISO 14189: 2013 (E)

**Food\***

1. Meat and meat products (Fresh, Chilled, Frozen, Processed)
2. Poultry and poultry products (Fresh, Chilled, Frozen, Processed)
3. Seafood and seafood products (Fresh, Chilled, Frozen, Processed)

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Reviewed by Head of Laboratory Accreditation Section.....*Saovannee Aromsook* (Ms.Saovannee Aromsook)

**The laboratory of Central Laboratory (Thailand) Co., Ltd. (Samut Sakhon Branch) has been accepted as an accredited laboratory in the field of food testing for the following scopes.**

4. Fruit and fruit products (Fresh, Chilled, Frozen, Processed)
5. Vegetable and vegetable products (Fresh, Chilled, Frozen, Processed)
6. Starch and starch products
7. Cereal and cereal products
8. Nut and nut products
9. Milk and milk products
10. Egg and egg products
11. Seaweed and seaweed products
12. Egg noodle and egg noodle products
13. Tea and Coffee
14. Ready-to-Cook Foods
15. Ready-to-Eat Foods
16. Fish sauce and Seasoning sauce
17. Condiment, Spice curry and Herb
18. Beverages and Energy drink
19. Food additive
20. Cookies, Biscuit, Cracker, Wafer and Snack
21. Candy, Jam and Jelly
22. Honey
23. Ice cream
24. Dietary supplement products
25. Infant food
26. Canned food
27. Creamer, Margarine, Oil and Fat

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