



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

This is to certify that

The laboratory of

Central Laboratory (Thailand) Co., Ltd.

Chachoengsao Branch

36/6 Moo 8, Tha Sa-an, Bang Pakong, Chachoengsao 24130, 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 : 29 November 2024

Valid Until : 20 January 2026

Accreditation Number 1083/49

The laboratory of Central Laboratory (Thailand) Co., Ltd. Chachoengsao 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.	Food ¹	Arsenic speciation (Inorganic Arsenic) 1. Arsenic (V) (As V) 2. Arsenic (III) (As III) 3. Monomethylarsonic acid (MMA) 4. Dimethylarsinic acid (DMA) 5. Arsenobetaine (AB)	In-house method TE-CH-442 based on Journal of AOAC International, Vol. 102, No. 2, 2019, Page 612-618
2.	Food ²	Organophosphate group 6. acephate 7. azinphos-ethyl 8. chlorpyrifos 9. chlorpyrifos-methyl 10. diazinon 11. dichlorvos 12. dicrotophos 13. dimethoate 14. EPN 15. ethion 16. fenitrothion 17. malathion 18. methamidophos 19. methidathion 20. mevinphos 21. monocrotophos 22. omethoate	In-house method TE-CH-281 based on EN 15662:2018

Bureau of Laboratory Quality Standards

Page 1 of 6

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Revision No. 00

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Date Revised 29 November 2024

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

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No.	Type of Sample	Test	Method
2.	Food ²	Organophosphate group 23. parathion-ethyl 24. parathion-methyl 25. pirimiphos-ethyl 26. pirimiphos-methyl 27. phosalone 28. profenofos 29. prothiofos 30. triazophos	In-house method TE-CH-281 based on EN 15662:2018
		Organochlorine group 31. aldrin 32. alpha-endosulfan 33. beta-endosulfan 34. cis-chlordan 35. dicofol 36. dieldrin 37. endosulfansulfate 38. endrin 39. heptachlor 40. heptachlor epoxide 41. hexachlorobenzene 42. hexachlorocyclohexane alpha isomer (alpha-BHC) 43. hexachlorocyclohexane beta isomer (beta-BHC)	

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No.	Type of Sample	Test	Method
2.	Food ²	Organochlorine group 44. hexachlorocyclohexane gamma isomer (lindane) 45. o,p'-DDD 46. o,p'-DDE 47. o,p'-DDT 48. p,p'-DDD 49. p,p'-DDE 50. p,p'-DDT 51. trans-chlordan Pyrethroid group 52. bifenthrin 53. cyfluthrin 54. cypermethrin 55. deltamethrin 56. fenvalerate 57. lambda-cyhalothrin 58. permethrin	In-house method TE-CH-281 based on EN 15662:2018
3.	Food ³	Carbamate group 59. aldicarb 60. aldicarb sulfone 61. aldicarb sulfoxide 62. carbaryl 63. carbofuran	In-house method TE-CH-301 based on EN 15662:2018

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No.	Type of Sample	Test	Method
3.	Food ³	Carbamate group 64. carbofuran-3 OH 65. carbofuran-3 keto 66. fenobucarb (BPMC) 67. isoprocarb 68. methiocarb 69. methiocarb sulfone 70. methiocarb sulfoxide 71. methomyl 72. metolcarb 73. oxamyl 74. promecarb 75. thiodicarb	In-house method TE-CH-301 based on EN 15662:2018
4.	- Coconut milk and coconut cream - Fats and oils, and fat emulsions	76. Total aflatoxin 77. Aflatoxin G1 78. Aflatoxin G2 79. Aflatoxin B1 80. Aflatoxin B2	In-house method TE-CH-025 based on AOAC (2023) 991.31 and 994.08
5.	- Aquatic animal tissue and aquatic animal tissue products - Fish sauce	81. Histamine	In-house method TE-CH-445 based on ISO 19343:2017 (E)
6.	Chicken tissue and Chicken tissue products	82. chlorate	In-house method TE-CH-439 based on EURL-SRM QuPPE
7.	Vegetable	83. ethephon	Method Version 12.1 (17.03.2023)

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No.	Type of Sample	Test	Method
8.	<ul style="list-style-type: none"> - Meat and meat products (Fresh, Frozen, Processed) - Aquatic animal tissue and aquatic animal tissue products (Fresh, Frozen, Processed) 	Nitrofurantoin metabolites 84. 1-Aminohydantoin (AHD) 85. 3-Amino-2-oxazolidinone (AOZ) 86. 3-Amino-5-morpholinomethyl-2-oxazolidinone (AMOZ) 87. Semicarbazide (SEM) 88. 3,5-dinitrosalicylic acid hydrazide (DNSH) 89. Total nitrofurantoin metabolites	In-house method TE-CH-002 based on Journal of Food Chemistry, Vol. 342, 2021, 128389 (Total and Tissue bound residues)
9.	<ul style="list-style-type: none"> • Potable water <ul style="list-style-type: none"> - Drinking water - Drinking water in sealed container - Tap water • Non-Potable water <ul style="list-style-type: none"> - Processed water - Surface water - Ground water - Natural water • Ice • Drain water • Wastewater 	90. chlorate 91. Aluminium (Al) 92. Barium (Ba) 93. Chromium (Cr) 94. Copper (Cu) 95. Iron (Fe) 96. Lead (Pb) 97. Manganese (Mn) 98. Nickel (Ni) 99. Zinc (Zn)	In-house method TE-CH-439 based on EURL-SRM QuPpe Method Version 12.1 (17.03.2023) In-house method TE-CH-038 based on Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24 th Edition, 2023, Part 3030 E by ICP-OES

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Food¹

- | | |
|---|--------------------------------------|
| 1. Aquatic animal tissue and aquatic animals tissue products (Fresh, Frozen, Processed) | 4. Noodle |
| 2. Starch and starch products | 5. Semi process food |
| 3. Cereal and cereal products | 6. Ready to eat food |
| | 7. Snack cookies biscuit and cracker |

Food²

- | | |
|---|-------------------------------------|
| 1. Meat (Fresh, Frozen, Processed) | 5. Fats and oils, and fat emulsions |
| 2. Aquatic animal tissue (Fresh, Frozen, Processed) | 6. Coconut milk and coconut cream |
| 3. Cereal and cereal products | 7. Condiments |
| 4. Dried fruit | 8. Curry paste |

Food³

- | | |
|---|-------------------------------------|
| 1. Meat and meat products (Fresh, Frozen, Processed) | 6. Fats and oils, and fat emulsions |
| 2. Aquatic animal tissue and aquatic animals tissue products (Fresh, Frozen, Processed) | 7. Coconut milk and coconut cream |
| 3. Cereal and cereal products | 8. Condiments |
| 4. Dried fruit | 9. Eggs |
| 5. Curry paste | 10. Dairy and dairy products |
| | 11. Beverages in sealed container |