



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

This is to certify that

The laboratory of

Eurofins Food Testing (Thailand) Co., Ltd.

The Princess Chulabhorn Science Research Center, 11th-12th floor

50 Faculty of Science, Kasetsart University, Ngamwongwan Road,

Ladyao, Chatuchak, Bangkok, 10900, 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 and Feeding stuffs Testing

(Mr. Surasak Muenphon)

Director of Bureau of Laboratory Quality Standards

Date of Accreditation : 13 May 2025

Valid Until : 10 February 2026

Accreditation Number 1347/65

The laboratory of Eurofins Food Testing (Thailand) Co.,Ltd. has been accepted as an accredited laboratory in the field of food and feeding testing for the following scopes.

No.	Type of Sample	Test	Method
1.	<ul style="list-style-type: none"> ● Potable Water <ul style="list-style-type: none"> - Drinking water in sealed containers - Drinking water - Filter water - Tap water - Water to be used in food production process ● Non-Potable water <ul style="list-style-type: none"> - Tap water 	1. Heterotrophic Plate Count (CFU)	Standard Methods for the Examination of Water and Wastewater APHA, AWWA WEF, 24 th edition, 2023, Part 9215 B
		2. Coliforms (MPN)	Standard Methods for the Examination of Water and Wastewater APHA, AWWA WEF, 24 th edition, 2023, Part 9221 B, E
	<ul style="list-style-type: none"> - Water to be used in the factory - RO water - Deionized water ● Ice ● Mineral water ● Beverages in sealed container 	3. <i>Escherichia coli</i> (MPN, Detected or not detected)	Standard Methods for the Examination of Water and Wastewater APHA, AWWA WEF, 24 th edition, 2023, Part 9221 B, F
		4. <i>Salmonella</i> spp. (Detected or not detected)	ISO 19250:2010
		5. <i>Staphylococcus aureus</i> (CFU, Detected or not detected)	Standard Methods for the Examination of Water and Wastewater APHA, AWWA WEF, 24 th edition, 2023, Part 9213 B

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No.	Type of Sample	Test	Method
1.	<ul style="list-style-type: none"> ● Potable Water <ul style="list-style-type: none"> - Drinking water in sealed containers - Drinking water - Filter water - Tap Water - Water to be used in food production process ● Non-Potable water <ul style="list-style-type: none"> - Tap water - Water to be used in the factory - RO water - Deionized water ● Ice ● Mineral water ● Beverages in sealed container 	6. <i>Clostridium perfringens</i> (CFU, Detected or not detected)	Methods for the Examination of Waters and Associated Materials, The Microbiology of Drinking Water (2021), Environment Agency (EA), UK, Part 6
2.	Meat and meat products (Fresh, Chilled, Frozen, Processed)	7. <i>Clostridium perfringens</i> (CFU)	FDA BAM, Online , 2001 (Chapter 16)

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No.	Type of Sample	Test	Method
3.	- Seafood and seafood products (Fresh, Chilled, Frozen, Processed) - Ready-to-cook foods - Ready-to-eat foods	8. <i>Vibrio cholerae</i> 9. <i>Vibrio parahaemolyticus</i> (Detected or not detected)	ISO 21872-1:2017/Amd.1:2023
4.	- Coconut - Coconut milk - Coconut water and products - Papaya	GMOs 10. CaMV 35S promoter 11. NOS-terminator 12. FMV-promoter	GMOScreen 35S/NOS/FMV (Cat. no.5421220302)
5.	- Spice and seasoning - Milk and milk products - Flavoured milk - Raw milk - Fermented milk - Cheese	13. Gluten Allergen	AOAC RI Certificate no. 052005
6.	- Water to be used in the factory - Beverage in sealed container - Swab	14. Milk Allergen	SENSISpec Milk ELISA (Cat.nr.HU0030014)

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No.	Type of Sample	Test	Method
7.	<ul style="list-style-type: none"> - Water to be used in the factory - Milk and milk products - Flavoured milk - Raw milk - Fermented milk - Cheese - Water to be used in the factory - Swab 	15. Total Soy Protein Allergen	SENSISpec Total Soy Protein ELISA (Cat.nr.HU0030075)
8.	<ul style="list-style-type: none"> - Beverage in sealed container - Water to be used in the factory - Swab 	16. Peanut Allergen	SENSISpec Peanut ELISA (Cat.nr.HU0030019)
9.	<ul style="list-style-type: none"> - Beverage in sealed container - Swab 	17. Cashew Allergen	SENSISpec Cashew ELISA (Cat.nr.HU0030004)

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No.	Type of Sample	Test	Method
10.	<ul style="list-style-type: none"> - Flour and flour products - Seafood and seafood products (Fresh, Chilled, Frozen, Processed) - Meat and meat products (Fresh, Chilled, Frozen, Processed) - Pet food - Edible oils and fats from plant origin 	Fatty acid profile Saturated fatty acids 18. Butyric acid (C4:0) 19. Caproic acid (C6:0) 20. Caprylic acid (C8:0) 21. Capric acid (C10:0) 22. Undecanoic acid (C11:0) 23. Lauric acid (C12:0) 24. Tridecanoic acid (C13:0) 25. Myristic acid (C14:0) 26. Pentadecanoic acid (C15:0)	In-house method P-CH-TP-26231.0040 in connection with - AOAC (2023) 996.06 - AOAC (2023) 991.39
11.	<ul style="list-style-type: none"> - Milk and milk products - Flavoured milk - Raw milk - Fermented milk - Infant formula milk adapted for infants and young children 	27. Palmitic acid (C16:0) 28. Margaric acid (C17:0) 29. Stearic acid (C18:0) 30. Arachidic acid (C20:0) 31. Heneicosanoic acid (C21:0) 32. Behenic acid (C22:0) 33. Tricosanoic acid (C23:0) 34. Lignoceric acid (C24:0) Monounsaturated fatty acids 35. Myristoleic acid (C14:1) 36. Cis-10-Pentadecenoic acid (C15:1)	In-house method P-CH-TP-28480.0054 based on ISO 16958:2015

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No.	Type of Sample	Test	Method
11.	<ul style="list-style-type: none"> - Milk and milk products - Flavoured milk - Raw milk - Fermented milk - Infant formula milk adapted for infants and young children 	37. Palmitoleic acid (C16:1) 38. Cis-10-Heptadecenoic acid (C17:1) 39. Cis-Oleic acid (C18:1n9c) 40. Eicosenoic acid (C20:1n9c) 41. Erucic acid (C22:1n9) 42. Nervonic acid (C24:1) Polyunsaturated fatty acids 43. Cis-Linoleic acid (C18:2n6c)	In-house method P-CH-TP-28480.0054 based on ISO 16958:2015
		44. Alpha-Linolenic acid (C18:3n3c) ALA 45. Gamma-Linolenic acid (C18:3n6c) 46. Cis-11,14-Eicosadienoic acid (C20:2n6) 47. Cis-11,14,17-Eicosatrienoic acid (C20:3n3) 48. Cis-8,11,14-Eicosatrienoic acid (C20:3n6) 49. Arachidonic acid (C20:4) ARA	

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No.	Type of Sample	Test	Method
11.	<ul style="list-style-type: none"> - Milk and milk products - Flavoured milk - Raw milk - Fermented milk - Infant formula milk adapted for infants and young children 	50. Cis-5,8,11,14,17-Eicosapentaenoic acid (C20:5) EPA 51. Cis-13,16-Docosadienoic acid (C22:2) 52. Cis-4,7,10,13,16,19-Docosahexaenoic acid (C22:6) DHA Unsaturated fatty acids 53. Myristoleic acid (C14:1)	In-house method P-CH-TP-28480.0054 based on ISO 16958:2015
		54. Cis-10-Pentadecenoic acid (C15:1) 55. Palmitoleic acid (C16:1) 56. Cis-10-Heptadecenoic acid (C17:1) 57. Cis-Oleic acid (C18:1n9c) 58. Trans-Elaidic acid (C18:1n9t) 59. Cis-Linoleic acid (C18:2n6c) 60. Trans-Linolelaidic acid (C18:2n6t)	

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No.	Type of Sample	Test	Method
11.	<ul style="list-style-type: none"> - Milk and milk products - Flavoured milk - Raw milk - Fermented milk - Infant formula milk adapted for infants and young children 	61. Alpha-Linolenic acid (C18:3n3c) ALA 62. Gamma-Linolenic acid (C18:3n6c) 63. Eicosenoic acid (C20:1n9c) 64. Cis-11,14-Eicosadienoic acid (C20:2n6) 65. Cis-11,14,17-Eicosatrienoic acid (C20:3n3) 66. Cis-8,11,14-Eicosatrienoic acid (C20:3n6) 67. Arachidonic acid (C20:4) ARA 68. Cis-5,8,11,14,17-Eicosapentaenoic acid (C20:5) EPA 69. Erucic acid (C22:1n9) 70. Cis-13,16-Docosadienoic acid (C22:2) 71. Cis-4,7,10,13,16,19-Docosahexaenoic acid (C22:6) DHA 72. Nervonic acid (C24:1)	In-house method P-CH-TP-28480.0054 based on ISO 16958:2015

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No.	Type of Sample	Test	Method
11.	<ul style="list-style-type: none"> - Milk and milk products - Flavoured milk - Raw milk - Fermented milk - Infant formula milk adapted for infants and young children 	Trans fatty acids 73. Trans-Elaidic acid (C18:1n9t) 74. Trans-Linolelaidic acid (C18:2n6t) Omega 3 75. Alpha-Linolenic acid (C18:3n3c) ALA 76. Cis-11,14,17-Eicosatrienoic acid (C20:3n3)	In-house method P-CH-TP-28480.0054 based on ISO 16958:2015
		77. Cis-5,8,11,14,17-Eicosapentaenoic acid (C20:5) EPA 78. Cis-4,7,10,13,16,19-Docosahexaenoic acid (C22:6) DHA Omega 6 79. Cis-Linoleic acid (C18:2n6c) 80. Gamma-Linolenic acid (C18:3n6c) 81. Cis-11,14-Eicosadienoic acid (C20:2n6)	

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11.	<ul style="list-style-type: none"> - Milk and milk products - Flavoured milk - Raw milk - Fermented milk - Infant formula milk adapted for infants and young children 	82. Cis-8,11,14-Eicosatrienoic acid (C20:3n6) 83. Arachidonic acid (C20:4) ARA 84. Cis-13,16-Docosadienoic acid (C22:2) Omega 9 85. Trans-Elaidic acid (C18:1n9t) 86. Cis-Oleic acid (C18:1n9c)	In-house method P-CH-TP-28480.0054 based on ISO 16958:2015
		87. Eicosenoic acid (C20:1n9c) 88. Erucic acid (C22:1n9) 89. Nervonic acid (C24:1) Medium Chain Triglyceride (C6-C12) 90. Caproic acid (C6:0) 91. Caprylic acid (C8:0) 92. Capric acid (C10:0) 93. Lauric acid (C12:0)	

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No.	Type of Sample	Test	Method
12.	<ul style="list-style-type: none"> - Flour and flour products - Beverage in sealed container - Seafood and seafood products (Fresh, Chilled, Frozen, Processed) - Meat and meat products (Fresh, Chilled, Frozen, Processed) 	94. Cholesterol	In-house method P-CH-TP-28658.0063 based on AOAC (2023) 994.10
	<ul style="list-style-type: none"> - Milk and milk products - Flavoured milk - Raw milk - Fermented milk - Infant formula milk adapted for infants and young children 		
13.	Beverage in sealed container	95. Total Solid and Moisture	AOAC (2023) 950.27
14.	Seafood and seafood products (Fresh, Chilled, Frozen, Processed)	96. Total Solid and Moisture	AOAC (2023) 950.08

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No.	Type of Sample	Test	Method
15.	Meat and meat products (Fresh, Chilled, Frozen, Processed)	97. Moisture	ISO 1442:1997
16.	Meat and meat products (Fresh, Chilled, Frozen, Processed)	98. Total Fat	ISO 1443:1973
17.	Seafood and seafood products (Fresh, Chilled, Frozen, Processed)	99. Total Fat	AOAC (2023) 948.15
18.	Beverage in sealed container	100. Ash	AOAC (2023) 950.14
19.	Meat and meat products (Fresh, Chilled, Frozen, Processed)	101. Ash	AOAC (2023) 920.153
20.	Seafood and seafood products (Fresh, Chilled, Frozen, Processed)	102. Ash	AOAC (2023) 938.08
21.	- Flour and flour products - Beverage in sealed container	103. Total Dietary fiber (TDF)	AOAC (2023) 985.29

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No.	Type of Sample	Test	Method
22.	<ul style="list-style-type: none"> - Flour and flour products - Meat and meat products (Fresh, Chilled, Frozen, Processed) - Seafood and seafood products (Fresh, Chilled, Frozen, Processed) - Beverage in sealed container - Milk and milk products 	104. Total carbohydrate (Include TDF)	Relph Shapiro, 1995 Nutrition Labeling Handbook. Marcel Dekker Inc. New York
		105. Energy/Calories	
		106. Available Energy/Calories	
		107. Available Carbohydrate	
		108. Calories from fat 109. Energy form fat	
	<ul style="list-style-type: none"> - Flavoured milk - Raw milk - Fermented milk - Infant formula milk adapted for infants and young children - Animal feed - Feeding stuffs - Pet food 		
23.	Beverage in sealed container	110. Total Nitrogen and Protein	In-house method P-CH-TP-29411.0067 based on AOAC (2023) 991.20

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No.	Type of Sample	Test	Method
24.	Meat and meat products (Fresh, Chilled, Frozen, Processed)	111. Total Nitrogen and Protein	In-house method P-CH-TP-26242.0044 based on ISO 937:2023
25.	Seafood and seafood products (Fresh, Chilled, Frozen, Processed)	112. Total Nitrogen and Protein	In-house method P-CH-TP-26246.0048 based on ISO937:2023
26.	- Seafood and seafood products (Fresh, Chilled, Frozen, Processed) - Canned fruit - Canned vegetable - Spice - Cereal and cereal products - Animal feed	Heavy metals 113. Arsenic (As) 114. Lead (Pb) 115. Copper (Cu) 116. Zinc (Zn) 117. Tin (Sn) 118. Mercury (Hg) 119. Cadmium (Cd) 120. Iron (Fe)	In-house method P-CH-TP-23623.0023 based on AOAC (2023) 2015.01

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No.	Type of Sample	Test	Method
27	<ul style="list-style-type: none"> ● Potable Water <ul style="list-style-type: none"> - Drinking water in sealed containers - Drinking water in non-sealed containers - Filter water - Tap Water - Water to be used in food production process - Ground water 	Heavy metals 121. Aluminum (Al) 122. Antimony (Sb) 123. Arsenic (As) 124. Barium (Ba) 125. Boron (B) 126. Chromium (Cr) 127. Copper (Cu) 128. Cadmium (Cd) 129. Iron (Fe)	Standard Methods for the Examination of Water and Wastewater APHA, AWWA WEF, 24 th edition, 2023, Part 3125 B
	<ul style="list-style-type: none"> ● Non-Potable water <ul style="list-style-type: none"> - Surface water - Underground water - Tap water - Ground water - Water supply - Water to be used in the factory - RO water - Deionized water ● Mineral water ● Ice 	130. Lead (Pb) 131. Manganese (Mn) 132. Mercury (Hg) 133. Nickel (Ni) 134. Silver (Ag) 135. Selenium (Se) 136. Zinc (Zn)	

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No.	Type of Sample	Test	Method
28	<ul style="list-style-type: none"> - Meat and meat products (Fresh, Chilled, Frozen, Processed) - Seafood and seafood products (Fresh, Chilled, Frozen, Processed) - Animal feed - Feeding stuffs - Premix - Beverage in sealed container 	Minerals 137. Chromium (Cr) 138. Copper (Cu) 139. Zinc (Zn) 140. Manganese (Mn) 141. Selenium (Se) 142. Molybdenum (Mo) 143. Magnesium (Mg) 144. Potassium (K) 145. Sodium (Na) 146. Calcium (Ca) 147. Iron (Fe)	In-house method P-CH-TP- 23891.0024 based on AOAC (2023) 2015.06
29.	<ul style="list-style-type: none"> - Flour and flour products - Beverage in sealed container - Seafood and seafood products (Fresh, Chilled, Frozen, Processed) - Meat and meat products (Fresh, Chilled, Frozen, Processed) - Milk and milk products - Flavoured milk - Raw milk - Fermented milk - Infant formula milk adapted for infants and young children 	148. Vitamin B1 149. Vitamin B2	In-house method P-CH-TP- 27482.0050 based on AOAC (2023) 942.23

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No.	Type of Sample	Test	Method
30.	<ul style="list-style-type: none"> - Flour and flour products - Beverage in sealed container - Milk and milk products - Flavoured milk - Raw milk - Fermented milk - Infant formula milk adapted for infants and young children - Cereal and Cereal Product 	150. Vitamin B3	In-house method P-CH-TP-28585.0056 based on EN 15652:2009
		151. Vitamin B6	In-house method P-CH-TP-28586.0057 based on EN 14164:2014
31.	<ul style="list-style-type: none"> - Flour and flour products - Beverage in sealed container - Seafood and seafood products (Fresh, Chilled, Frozen, Processed) - Meat and meat products (Fresh, Chilled, Frozen, Processed) - Milk and milk products - Flavoured milk - Raw milk - Fermented milk - Infant formula milk adapted for infants and young children 	152. Total sugar and Sugar profiles	In-house method P-CH-TP-28960.0064 based on AOAC (2023) 982.14

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No.	Type of Sample	Test	Method
32.	- Flour and flour products - Nut - Cereal and cereal products - Spice - Pet food	153. Total Aflatoxins (B1, B2, G1, G2)	In-house method P-CH-TP-28652.0059 based on AOAC (2023) 991.31
		154. Ochratoxin A	In-house method P-CH-TP-28649.0058 based on ISO 15141:2018
33.	- Beverage in sealed container - Candy	Synthetic colors	In-house method P-CH-TP-28482.0055 based on AOAC (2023) 930.38
		155. Tartrazin	
		156. Amaranth	
		157. Indigotine	
		158. Ponceau 4RC	
		159. Quinoline Yellow	
		160. Sunset Yellow	
		161. Brilliant Black BN	
		162. Allura Red AC	
		163. Fast Green FCF	
		164. Brilliant Blue FCF	
		165. Aorubin	
		166. Erythrosin	

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No.	Type of Sample	Test	Method
35.	<ul style="list-style-type: none"> ● Meat and meat products (Fresh, Chilled, Frozen, Processed) ● Flour and flour products ● Potable Water <ul style="list-style-type: none"> - Drinking water in sealed containers - Drinking water in non-sealed containers - Water to be used in food production process - Filter water - Ground water ● Non-Potable water <ul style="list-style-type: none"> - Surface water - Underground water - Tap water - Ground water - Water supply - Water to be used in the factory - Irrigation water system - Treated water - RO water - Deionized water - Steam water - Boiler water 	167. Chlorate and Perchlorate	In-house method P-CH-TP-28654.0060 based on Determination of Chlorate and Perchlorate in Infant Milk Using Waters Anionic Polar Pesticide Column and UPLC-MS/MS Water Application Note 720006686, Revised July 2020

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No.	Type of Sample	Test	Method
35.	- Sauces in sealed containers - Vegetable, Fruit, Meat (Canned) - Seafood and seafood products (Fresh, Chilled, Frozen, Processed)	168. Salt as NaCl	AOAC (2023) 937.09
36.	- Vegetable and Fruit (Fresh, Chilled, Frozen, Processed) - Animal feed	169. Mepiquat 170. Chlormequat 171. Paraquat 172. Diquat	In-house method P-CH-TP-28656.0062 based on EU Reference Laboratory for Single Residues Method, Version 11, 2020
37.	- Milk and milk products - Flavoured milk - Raw milk - Fermented milk - Infant formula milk adapted for infants and young children - Flour and flour products	173. Vitamin D 174. Vitamin D2 175. Vitamin D3	In-house method P-CH-TP-28655.0061 based on AOAC (2023) 2002.05

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No.	Type of Sample	Test	Method
38.	- Pet food - Premix	176. Vitamin A	In-house method P-CH-TP-28255.0052 based on AOAC (2023) 2001.13
		177. Vitamin E	In-house method P-CH-TP-28256.0053 based on AOAC (2023) 971.30