Name of Laboratory : Intertek Testing Services (Thailand) Ltd. – Food Services

: 888 MEC Building, 9<sup>th</sup> – 10<sup>th</sup> Floor, Debaratna Road, Bangna Tai, Address Bangna, Bangkok 10260

Accreditation Number: Testing - 0111

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: 19<sup>th</sup> May 2014

: 2<sup>nd</sup> January 2024 Issue Date

Initial Issue Date

Expired date : 30<sup>th</sup> May 2026

: ISO/IEC 17025:2017 Standard

Reference No. : 0303/3

# Scope of Laboratory Accreditation

Laboratory Name : Intertek Testing Services (Thailand) Ltd. – Food Services

Address : 888 MEC Building, 9<sup>th</sup> – 10<sup>th</sup> Floor, Debaratna Road, Bangna Tai,

Bangna, Bangkok 10260

Accreditation Number : Testing - 0111

ltem	Test Material /	Test Item /	Test Method /
Number	Product	Range of Testing	Technique Used
1	Feeding stuffs	- Protein	Grain and Feed Trade Association,
		2.7 g/100 g to 91.5 g/100 g	GAFTA, March 01, 2014, method 4:1
		- Crude protein	In - house method : TM-PM-079
		0.10 g/100 g to 91.50 g/100 g	based on AOAC Official Methods of
			Analysis, 22 <sup>nd</sup> ed., 2023, method 984.13
		- Ash	AOAC Official Methods of Analysis,
		1.70 g/100 g to 16.80 g/100 g	22 <sup>nd</sup> ed., 2023, method 942.05
		- Moisture	AOAC Official Methods of Analysis,
		6.6 g/100 g to 73.5 g/100 g	22 <sup>nd</sup> ed., 2023, method 930.15
		- Fat	In - house method : TM-PM-078
		1.00 g/100 g to 76.00 g/100 g	based on AOAC Official Methods of
			Analysis, 22 <sup>nd</sup> ed., 2023, method 954.02
			Analysis, 22 <sup>nd</sup> ed., 2023, method 9

Initial Issue Date 19<sup>th</sup> May 2014

Issue Number 11

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# Scope of Laboratory Accreditation

Laboratory Name : Intertek Testing Services (Thailand) Ltd. – Food Services

Address : 888 MEC Building, 9<sup>th</sup> – 10<sup>th</sup> Floor, Debaratna Road, Bangna Tai,

Bangna, Bangkok 10260

Accreditation Number : Testing - 0111

Laboratory Status :  ${f \square}$  Permanent  ${f \square}$  Site  ${f \square}$  Temporary  ${f \square}$  Mobile

	bry status . 🖭 Feiria		□ Mobile
Item	Test Material /	Test Item /	Test Method /
Number	Product	Range of Testing	Technique Used
1	Feeding stuffs	- Crude fat	In - house method : TM-PM-155
(cont.)		(Ether extracted)	based on AOAC Official Methods of
		0.30 g/100 g to 21.10 g/100 g	Analysis, 22 <sup>nd</sup> ed., 2023, method 920.39
		- Fatty acid	In - house method : TM-GC-120
		(Saturated fatty acid,	based on AOAC Official Methods of
		Mono-unsaturated fatty acid,	Analysis, 22 <sup>nd</sup> ed., 2023, method 996.06
		Poly-unsaturated fatty acid,	
		Trans Fatty acid, Omega 3,	
		Omega 6, Omega 9)	
		0.01 g/100 g to 5.80 g/100 g	
		- Crude fiber	In - house method : TM-PM-076
		0.40 g/100 g to 60.20 g/100 g	based on AOAC Official Methods of
			Analysis, 22 <sup>nd</sup> ed., 2023, method 978.10

Initial Issue Date 19<sup>th</sup> May 2014

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# Scope of Laboratory Accreditation

Laboratory Name : Intertek Testing Services (Thailand) Ltd. – Food Services

Address : 888 MEC Building, 9<sup>th</sup> – 10<sup>th</sup> Floor, Debaratna Road, Bangna Tai,

Bangna, Bangkok 10260

Accreditation Number : Testing - 0111

Laboratory Status : lackimes Permanent lackimes Site lackimes Temporary lackimes Mobile

Item	Test Material /	Test Item /	Test Method /
Number	Product	Range of Testing	Technique Used
1	Feeding stuffs	- Salt	In - house method : TM-PM-077
(cont.)		(Calculated as NaCl)	based on AOAC Official Methods of
		0.40 g/100 g to 30.00 g/100 g	Analysis, 22 <sup>nd</sup> ed., 2023, method 937.09
		- Salt	
		(Calculated as Cl <sup>-</sup> )	
		0.24 g/100 g to 18.00 g/100 g	
		- Carbohydrate	Method of Analysis, for Nutrition
		(By calculation)	Labeling, AOAC, 1993, chapter 6
		- Total calories	
		(By calculation)	
		- Calories from fat	
		(By calculation)	

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# Scope of Laboratory Accreditation

Laboratory Name : Intertek Testing Services (Thailand) Ltd. – Food Services

Address : 888 MEC Building, 9<sup>th</sup> – 10<sup>th</sup> Floor, Debaratna Road, Bangna Tai,

Bangna, Bangkok 10260

Accreditation Number : Testing - 0111

Laboratory Status :  $oxed{\square}$  Permanent  $oxed{\square}$  Site  $oxed{\square}$  Temporary  $oxed{\square}$  Mobile

	bry status . 🗷 Feiria	Temporary	□ Mobile
Item	Test Material /	Test Item /	Test Method /
Number	Product	Range of Testing	Technique Used
1	Feeding stuffs	- Peroxide value	In - house method : TM-PM-194
(cont.)		0.19 meq/kg to 30.79 meq/kg	based on AOCS Official Method Cd 8-53
		- TVB-N	In- house method : TM-PM-230
		36.00 mg/100 g to 382.96 mg/100 g	based on Commission regulation (EC)
			No. 2074/2005
		- Arsenic	In - house method : TM-HM-084
		0.05 mg/kg to 2.50 mg/kg	based on AOAC Official Methods of
		- Mercury	Analysis, 22 <sup>nd</sup> ed., 2023, method 968.08
		0.025 mg/kg to 0.50 mg/kg	
		- Lead	
		0.05 mg/kg to 2.50 mg/kg	
		- Cadmium	
		0.05 mg/kg to 2.50 mg/kg	
		- Calcium	
		1.00 mg/100 g to 125.00 mg/100 g	

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# Scope of Laboratory Accreditation

Laboratory Name : Intertek Testing Services (Thailand) Ltd. – Food Services

Address : 888 MEC Building, 9<sup>th</sup> – 10<sup>th</sup> Floor, Debaratna Road, Bangna Tai,

Bangna, Bangkok 10260

Accreditation Number : Testing - 0111

Laboratory Status : lackimes Permanent lackimes Site lackimes Temporary lackimes Mobile

Laborate	ory status . 🖸 Ferria		□ Mobite
Item	Test Material /	Test Item /	Test Method /
Number	Product	Range of Testing	Technique Used
1	Feeding stuffs	- Phosphorus	In - house method: TM-PM-153
(cont.)		0.05 g/100 g to 1.50 g/100 g	based on AOAC Official Methods of
			Analysis, 22 <sup>nd</sup> ed., 2023, method 965.17
		- Sodium	In - house method : TM-HM-220
		5.00 mg/kg to 10 000.00 mg/kg	based on AOAC Official Methods of
		- Calcium	Analysis, 22 <sup>nd</sup> ed., 2023, method 985.01
		10.00 mg/kg to 10 000.00 mg/kg	
		- Potassium	
		5.00 mg/kg to 10 000.00 mg/kg	
		- Magnesium	
		2.50 mg/kg to 2 500.00 mg/kg	
		- Iron	
		5.00 mg/kg to 500.00 mg/kg	
		- Manganese	
		5.00 mg/kg to 500.00 mg/kg	

Initial Issue Date 19<sup>th</sup> May 2014

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#### Scope of Laboratory Accreditation

☐ Temporary

☐ Mobile

Laboratory Name : Intertek Testing Services (Thailand) Ltd. – Food Services

Address : 888 MEC Building, 9<sup>th</sup> – 10<sup>th</sup> Floor, Debaratna Road, Bangna Tai,

☐ Site

CFU/g, CFU/mL

Bangna, Bangkok 10260

: **P**ermanent

Accreditation Number : Testing - 0111

Laboratory Status

Test Material / Test Item / Test Method / Item **Product** Technique Used Number Range of Testing Feeding stuffs - Copper In - house method: TM-HM-220 (cont.) 5.00 mg/kg to 500.00 mg/kg based on AOAC Official Methods of Analysis, 22<sup>nd</sup> ed., 2023, method 985.01 - Zinc 5.00 mg/kg to 500.00 mg/kg - Tin 5.00 mg/kg to 500.00 mg/kg - Water activity AOAC Official Methods of Analysis, 0.150 to 1.000 22<sup>nd</sup> ed., 2023, method 978.18 - Total plate count ISO 4833: 2013 CFU/g, CFU/mL - Yeasts and molds AOAC Official Methods of Analysis,

Initial Issue Date 19<sup>th</sup> May 2014

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22<sup>nd</sup> ed., 2023, method 2014.05

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# Scope of Laboratory Accreditation

Laboratory Name : Intertek Testing Services (Thailand) Ltd. – Food Services

Address : 888 MEC Building, 9<sup>th</sup> – 10<sup>th</sup> Floor, Debaratna Road, Bangna Tai,

Bangna, Bangkok 10260

Accreditation Number : Testing - 0111

Laboratory Status :  $oxed{fill}$  Permanent  $oxed{\Box}$  Site  $oxed{\Box}$  Temporary  $oxed{\Box}$  Mobile

Item	Test Material /	Test Item /	Test Method /
Number	Product	Range of Testing	Technique Used
1	Feeding stuffs	- Coliform	AOAC Official Methods of Analysis,
(cont.)		CFU/g, CFU/mL	22 <sup>nd</sup> ed., 2023, method 2018.13
		- Escherichia coli	
		CFU/g, CFU/mL	
		- Salmonella spp.	AFNOR Validation, Certificate reference
		Detected or not detected/25 g	No. UNI 03/07-11/13, With end of
		Detected or not detected/25 mL	Validity, 4 <sup>th</sup> November-2025
		- Listeria monocytogenes	AOAC Official Methods of Analysis,
		Detected or not detected/25 g	22 <sup>nd</sup> ed., 2023, method 2021.05
		Detected or not detected/25 mL	
		- Listeria spp.	AOAC Official Methods of Analysis,
		Detected or not detected/25 g	22 <sup>nd</sup> ed., 2023, method 2021.06
		Detected or not detected/25 mL	

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# Scope of Laboratory Accreditation

Laboratory Name : Intertek Testing Services (Thailand) Ltd. – Food Services

Address : 888 MEC Building, 9<sup>th</sup> – 10<sup>th</sup> Floor, Debaratna Road, Bangna Tai,

Bangna, Bangkok 10260

Accreditation Number : Testing - 0111

Laborato	Laboratory Status : ☑ Permanent □ Site □ Temporary □ Mobile			
Item	Test Material /	Test Item /	Test Method /	
Number	Product	Range of Testing	Technique Used	
1	Feeding stuffs	- Acid value	In - house method : TM-PM-243	
(cont.)		3.43 mgKOH/g to	based on AOCS Official method	
		103.44 mgKOH/g	CD 3d-63 reapproved 2009	

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# Scope of Laboratory Accreditation

Laboratory Name : Intertek Testing Services (Thailand) Ltd. – Food Services

Address : 888 MEC Building, 9<sup>th</sup> – 10<sup>th</sup> Floor, Debaratna Road, Bangna Tai,

Bangna, Bangkok 10260

Accreditation Number : Testing - 0111

Laboratory Status :  ${f \square}$  Permanent  ${f \square}$  Site  ${f \square}$  Temporary  ${f \square}$  Mobile

Laborate	ory status . 🖸 Ferria		□ Mobile
Item	Test Material /	Test Item /	Test Method /
Number	Product	Range of Testing	Technique Used
2	Foods	- Moisture	AOAC Official Methods of Analysis,
	- Meat and meat products	0.01 g/100 g to 94.50 g/100 g	22 <sup>nd</sup> ed., 2023, method 920.151, 925.10,
	(Fresh, Frozen, Processed)		925.19, 925.30, 925.40, 930.04,
	- Vegetables, fruits and		931.04, 934.06, 950.46, 952.08, 964.22,
	products		984.25, 925.45, 925.55B, 950.46B,
	(Fresh, Frozen, Processed)		968.11, 920.116, 926.08, 927.05, 941.08
	- Plant cereal		
	and plant cereal	- Ash	AOAC Official Methods of Analysis,
	products	0.03 g/100 g to 36.80 g/100 g	22 <sup>nd</sup> ed., 2023, method 920.153, 925.51,
	- Seafoods and		938.08, 940.26, 950.49, 900.02, 920.93,
	seafoods products		920.100, 923.03, 941.12A, 945.39B,
	(Fresh, Frozen, Processed)		972.15, 920.117, 930.30, 935.42, 945.46,
	- Flour and flour products		945.18
	- Sauce		
	- Tea, coffee and cocoa		
	- Dairy products		
	- Seasoning		
	- Beverage		

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### Scope of Laboratory Accreditation

Laboratory Name : Intertek Testing Services (Thailand) Ltd. – Food Services

Address : 888 MEC Building, 9<sup>th</sup> – 10<sup>th</sup> Floor, Debaratna Road, Bangna Tai,

Bangna, Bangkok 10260

Accreditation Number : Testing - 0111

: **☑** Permanent ☐ Site ☐ Mobile ☐ Temporary Laboratory Status Test Item / Test Material / Test Method / Item **Product** Technique Used Number Range of Testing In - house method: TM-PM-079 2 Foods - Protein (cont.) - Meat and meat products 0.08 g/100 g to 48.30 g/100 g based on AOAC Official Methods of Analysis, 22<sup>nd</sup> ed., 2023, method 920.87, (Fresh, Frozen, Processed) - Vegetables, fruits and 920.103, 920.152, 935.39, 950.36, 950.48, 981.10, 992.15, 992.23, 991.20 products (Fresh, Frozen, Processed) - Carbohydrate - Plant cereal and plant Method of Analysis, for Nutrition Cereal products (By calculation) Labeling, AOAC, 1993, chapter 6 - Seafoods and - Total calories seafoods products (Fresh, Frozen, Processed) (By calculation) - Flour and flour products - Sauce - Calories from fat - Tea, coffee and cocoa (By calculation) - Dairy products

Initial Issue Date 19<sup>th</sup> May 2014

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### Scope of Laboratory Accreditation

Laboratory Name : Intertek Testing Services (Thailand) Ltd. – Food Services

Address : 888 MEC Building, 9<sup>th</sup> – 10<sup>th</sup> Floor, Debaratna Road, Bangna Tai,

Bangna, Bangkok 10260

Accreditation Number : Testing - 0111

: **☑** Permanent ☐ Site ☐ Temporary ☐ Mobile Laboratory Status Test Material / Test Item / Test Method / Item **Product** Range of Testing Technique Used Number In - house method: TM-PM-078 2 Foods - Fat based on AOAC Official Methods of (cont.) - Meat and meat products 0.10 g/100 g to 89.30 g/100 g Analysis, 22<sup>nd</sup> ed., 2023, method 922.06, (Fresh, Frozen, Processed) - Vegetables, fruits and 925.32, 948.15, 950.54 products (Fresh, Frozen, Processed) - Water activity AOAC Official Methods of Analysis, - Plant cereal and plant 0.150 to 1.000 22<sup>nd</sup> ed., 2023, method 978.18 Cereal products - Seafoods and seafoods products (Fresh, Frozen, Processed) - Flour and flour products - Sauce - Tea, coffee and cocoa

Initial Issue Date 19<sup>th</sup> May 2014

Issue Number 11

Bureau of Laboratory Accreditation, Department of Science Service, Ministry of Higher Education, Science, Research and Innovation

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### Scope of Laboratory Accreditation

Laboratory Name : Intertek Testing Services (Thailand) Ltd. – Food Services

Address : 888 MEC Building, 9<sup>th</sup> – 10<sup>th</sup> Floor, Debaratna Road, Bangna Tai,

Bangna, Bangkok 10260

Accreditation Number : Testing - 0111

Item	Test Material /	Test Item /	Test Method /
Number	Product	Range of Testing	Technique Used
2	Foods	- Crude fiber	In - house method : TM-PM-076
(cont.)	- Seasoning and spices	0.40 g/100 g to 60.20 g/100 g	based on AOAC Official Methods of
			Analysis, 22 <sup>nd</sup> ed., 2023, method 978.10
	Foods	- Salt	In - house method : TM-PM-077
	- Meat and meat products	(Calculated as NaCl)	based on AOAC Official Methods of
	(Fresh, Frozen, Processed)	0.40 g/100 g to 30.00 g/100 g	Analysis, 22 <sup>nd</sup> ed., 2023, method 937.09
	- Seafoods and		
	seafoods products	- Salt	
	(Fresh, Frozen,Processed)	(Calculated as Cl <sup>-</sup> )	
	- Flour and flour products	0.24 g/100 g to 18.00 g/100 g	
	- Vegetables, fruits and		
	products		
	(Fresh, Frozen, Processed)		
	- Nut and nut products		
	- Sauce		
	- Seasoning and spices		
	- Dairy products		
	- Egg		

Initial Issue Date 19<sup>th</sup> May 2014

Issue Number 11

Bureau of Laboratory Accreditation, Department of Science Service, Ministry of Higher Education, Science, Research and Innovation

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### Scope of Laboratory Accreditation

☐ Temporary

☐ Mobile

Test Method /

Laboratory Name : Intertek Testing Services (Thailand) Ltd. – Food Services

Address : 888 MEC Building, 9<sup>th</sup> – 10<sup>th</sup> Floor, Debaratna Road, Bangna Tai,

☐ Site

Test Item /

Bangna, Bangkok 10260

: **☑** Permanent

Accreditation Number : Testing - 0111

Test Material /

(Fresh, Frozen, Processed)

- Nut and nut products

- Seasoning and spices

- Dairy products

- Sauce

- Egg

- Beverage

Laboratory Status

Item

**Product** Range of Testing Technique Used Number 2 Foods In - house method: TM-PM-137 - pH (cont.) - Meat and meat products 1.60 to 7.00 based on AOAC Official Methods of Analysis, 22<sup>nd</sup> ed., 2023, method 943.02 (Fresh, Frozen, Processed) - Seafoods and seafoods products (Fresh, Frozen, Processed) - Flour and flour products - Vegetables, fruits and products

Initial Issue Date 19<sup>th</sup> May 2014

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### Scope of Laboratory Accreditation

Laboratory Name : Intertek Testing Services (Thailand) Ltd. – Food Services

Address : 888 MEC Building, 9<sup>th</sup> – 10<sup>th</sup> Floor, Debaratna Road, Bangna Tai,

Bangna, Bangkok 10260

Accreditation Number : Testing - 0111

: **☑** Permanent ☐ Site ☐ Temporary ☐ Mobile Laboratory Status Test Material / Test Item / Test Method / Item **Product** Range of Testing Technique Used Number 2 Foods - BHT In - house method: TM-LC-061 (cont.) - Peanut and 3.00 mg/kg to 30.00 mg/kg based on AOAC Official Method of Analysis, 22<sup>nd</sup> ed., 2023, method 983.15 peanut products - BHA 3.00 mg/kg to 30.00 mg/kg - Cereal and cereal products - TBHQ 3.00 mg/kg to 30.00 mg/kg - Snack, Cookies, Biscuit, Cracker - Seasoning

Initial Issue Date 19<sup>th</sup> May 2014

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### Scope of Laboratory Accreditation

☐ Temporary

☐ Mobile

Laboratory Name : Intertek Testing Services (Thailand) Ltd. – Food Services

Address : 888 MEC Building, 9<sup>th</sup> – 10<sup>th</sup> Floor, Debaratna Road, Bangna Tai,

☐ Site

Bangna, Bangkok 10260

: **☑** Permanent

Accreditation Number : Testing - 0111

Laboratory Status

Test Material / Test Item / Test Method / Item **Product** Range of Testing Technique Used Number Foods In - house method: TM-HM-119 2 - Arsenic based on AOAC Official Methods of (cont.) - Meat and meat products 0.03 mg/kg to 2.50 mg/kg Analysis, 22<sup>nd</sup> ed., 2023, method 2015.01 (Fresh, Frozen, Processed) - Mercury - Ready-to-cook food and 0.02 mg/kg to 0.50 mg/kg ready-to-eat food - Lead 0.03 mg/kg to 2.50 mg/kg - Seasoning, fish sauce, - Cadmium sauce 0.03 mg/kg to 2.50 mg/kg - Spices - Vegetables, fruits and - Copper 0.50 mg/kg to 50.00 mg/kg products - Rice - Selenium 0.50 mg/kg to 50.00 mg/kg - Cereal and cereal - Chromium productsand low 0.50 mg/kg to 50.00 mg/kg moisture products

Initial Issue Date 19<sup>th</sup> May 2014

Issue Number 11

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#### Scope of Laboratory Accreditation

Laboratory Name : Intertek Testing Services (Thailand) Ltd. – Food Services

Address : 888 MEC Building, 9<sup>th</sup> – 10<sup>th</sup> Floor, Debaratna Road, Bangna Tai,

Bangna, Bangkok 10260

Accreditation Number : Testing - 0111

: **☑** Permanent ☐ Site ☐ Temporary ☐ Mobile Laboratory Status Test Material / Test Item / Test Method / Item **Product** Range of Testing Technique Used Number 2 In - house method: TM-HM-119 Foods - Arsenic (cont.) - Beverage which is 0.03 mg/kg to 2.50 mg/kg based on AOAC Official Methods of Analysis, 22<sup>nd</sup> ed., 2023, method 2015.01 0.03 mg/dm<sup>3</sup> to 2.50 mg/dm<sup>3</sup> containing or made from Fruits and may also - Mercury 0.02 mg/kg to 0.50 mg/kg contain dissolved carbon 0.02 mg/dm<sup>3</sup> to 0.50 mg/dm<sup>3</sup> dioxide or oxygen gas - Lead 0.03 mg/kg to 2.50 mg/kg 0.03 mg/dm<sup>3</sup> to 2.50 mg/dm<sup>3</sup> - Cadmium 0.03 mg/kg to 2.50 mg/kg 0.03 mg/dm<sup>3</sup> to 2.50 mg/dm<sup>3</sup> - Copper 0.50 mg/kg to 50.00 mg/kg 0.50 mg/dm<sup>3</sup> to 50.00 mg/dm<sup>3</sup>

Initial Issue Date 19<sup>th</sup> May 2014

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#### Scope of Laboratory Accreditation

Laboratory Name : Intertek Testing Services (Thailand) Ltd. – Food Services

Address : 888 MEC Building, 9<sup>th</sup> – 10<sup>th</sup> Floor, Debaratna Road, Bangna Tai,

Bangna, Bangkok 10260

Accreditation Number : Testing - 0111

: **☑** Permanent ☐ Site ☐ Temporary ☐ Mobile Laboratory Status Test Material / Test Item / Test Method / Item **Product** Range of Testing Technique Used Number 2 Foods - Selenium In - house method: TM-HM-119 (cont.) - Beverage which is 0.50 mg/kg to 50.00 mg/kg based on AOAC Official Methods of 0.50 mg/dm<sup>3</sup> to 50.00 mg/dm<sup>3</sup> Analysis, 22<sup>nd</sup> ed., 2023, method 2015.01 containing or made from Fruits and may also - Chromium 0.50 mg/kg to 50.00 mg/kg contain dissolved carbon 0.50 mg/dm<sup>3</sup> to 50.00 mg/dm<sup>3</sup> dioxide or oxygen gas

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#### Scope of Laboratory Accreditation

Laboratory Name : Intertek Testing Services (Thailand) Ltd. – Food Services

Address : 888 MEC Building, 9<sup>th</sup> – 10<sup>th</sup> Floor, Debaratna Road, Bangna Tai,

Bangna, Bangkok 10260

Accreditation Number : Testing - 0111

: **☑** Permanent ☐ Site ☐ Temporary ☐ Mobile Laboratory Status Test Material / Test Item / Test Method / Item **Product** Range of Testing Technique Used Number 2 Foods - Cholesterol In - house method: TM-GC-118 (cont.) - Seafoods and seafoods 5 mg/100 g to 500 mg/100 g based on AOAC Official Methods of Analysis, 22<sup>nd</sup> ed., 2023, method 994.10 products - Meat and meat products (Fresh, Frozen, Processed) - Milk and milk products - Egg and egg products - Ready-to-cook food and ready-to-eat food - Rice - Cereal and cereal products - Nut and nut products - Dried food - Flour and flour products - Snack and dessert

Initial Issue Date 19<sup>th</sup> May 2014

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# Scope of Laboratory Accreditation

Laboratory Name : Intertek Testing Services (Thailand) Ltd. – Food Services

Address : 888 MEC Building, 9<sup>th</sup> – 10<sup>th</sup> Floor, Debaratna Road, Bangna Tai,

Bangna, Bangkok 10260

Accreditation Number : Testing - 0111

Laboratory Status :  $oxed{oldsymbol{\square}}$  Permanent  $oxed{\Box}$  Site  $oxed{\Box}$  Temporary  $oxed{\Box}$  Mobile

Item	Test Material /	Test Item /	Test Method /
Number	Product	Range of Testing	Technique Used
2	Foods	- Cholesterol	In - house method : TM-GC-118
(cont.)	- Seasoning, fish sauce,	5 mg/100 g to 500 mg/100 g	based on AOAC Official Methods of
	sauce		Analysis, 22 <sup>nd</sup> ed., 2023, method 994.10
	- Vegetables, fruits and		
	products		
			In - house method : TM-GC-118
	Foods	- Cholesterol	based on AOAC Official Methods of
	- Beverage (Juice,	5 mg/100 g to 500 mg/100 g	Analysis, 22 <sup>nd</sup> ed., 2023, method 994.10
	Tea coffee and products)	5 mg/100 mL to 500 mg/100 mL	
	Foods	- Fatty acid	In - house method : TM-GC-120
	- Seafoods and seafoods	(Saturated fatty acid,	based on AOAC Official Methods of
	products	Mono-unsaturated fatty acid,	Analysis, 22 <sup>nd</sup> ed., 2023, method 996.06
	- Meat and meat products	Poly-unsaturated fatty acid,	
	(Fresh, Frozen, Processed)	Trans Fatty acid,	
	- Dairy products	Omega 3, Omega 6, Omega 9)	
	- Egg and egg products	0.10 g/100 g to 17.27 g/100 g	

Initial Issue Date 19<sup>th</sup> May 2014

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### Scope of Laboratory Accreditation

Laboratory Name : Intertek Testing Services (Thailand) Ltd. – Food Services

Address : 888 MEC Building, 9<sup>th</sup> – 10<sup>th</sup> Floor, Debaratna Road, Bangna Tai,

Bangna, Bangkok 10260

Accreditation Number : Testing - 0111

: **☑** Permanent ☐ Site ☐ Temporary ☐ Mobile Laboratory Status Test Material / Test Item / Test Method / Item **Product** Range of Testing Technique Used Number - Fatty acid In - house method: TM-GC-120 2 Foods (cont.) - Ready-to-cook food and (Saturated fatty acid, based on AOAC Official Methods of Analysis, 22<sup>nd</sup> ed., 2023, method 996.06 ready-to-eat food Mono-unsaturated fatty acid, - Rice Poly-unsaturated fatty acid, - Cereal and cereal Trans Fatty acid, Omega 3, Omega 6, Omega 9) products - Nut and nut products 0.10 g/100 g to 17.27 g/100 g - Dried food - Flour and flour products - Snack and dessert - Seasoning, fish sauce, sauce - Vegetables, fruits and products - Tea coffee and products - Beverage

Initial Issue Date 19<sup>th</sup> May 2014

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#### Scope of Laboratory Accreditation

☐ Temporary

☐ Mobile

Test Method /

Laboratory Name : Intertek Testing Services (Thailand) Ltd. – Food Services

Address : 888 MEC Building, 9<sup>th</sup> – 10<sup>th</sup> Floor, Debaratna Road, Bangna Tai,

☐ Site

Test Item /

Bangna, Bangkok 10260

: **☑** Permanent

Accreditation Number : Testing - 0111

Test Material /

- Meat and meat products

(Fresh, Frozen, Processed)

Laboratory Status

Item

**Product** Range of Testing Technique Used Number 2 Foods - Vitamin A In - house method: TM-LC-096 (cont.) - Ready-to-cook food and 1.00 mg/kg to 20.00 mg/kg based on AOAC Official Methods of Analysis, 22<sup>nd</sup> ed., 2023, method 2001.13 1.00 mg/dm<sup>3</sup> to 20.00 mg/dm<sup>3</sup> ready-to-eat food 3 335.00 IU/kg to 66 660.00 IU/kg - Rice 3 335.00 IU/dm<sup>3</sup> to - Cereal and cereal 66 660.00 IU/dm<sup>3</sup> products - Nut and nut products  $100.00 \, \mu g / 100 \, mL \, to$ - Dried food 2 000.00 μg/100 mL - Flour and flour products  $100.00 \mu g/100 g to$ - Snack and dessert 2 000.00 μg/100 g

Initial Issue Date 19<sup>th</sup> May 2014

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### Scope of Laboratory Accreditation

Laboratory Name : Intertek Testing Services (Thailand) Ltd. – Food Services

Address : 888 MEC Building, 9<sup>th</sup> – 10<sup>th</sup> Floor, Debaratna Road, Bangna Tai,

Bangna, Bangkok 10260

Accreditation Number : Testing - 0111

Laboratory Status : lackimes Permanent lackimes Site lackimes Temporary lackimes Mobile

Item	Test Material /	Test Item /	Test Method /
Number	Product	Range of Testing	Technique Used
2	Foods	- Vitamin A	In - house method : TM-LC-096
(cont.)	- Vegetables, fruits and	1.00 mg/kg to 20.00 mg/kg	based on AOAC Official Methods of
	products	1.00 mg/dm <sup>3</sup> to 20.00 mg/dm <sup>3</sup>	Analysis, 22 <sup>nd</sup> ed., 2023, method 2001.13
	- Beverage	3 335.00 IU/kg to 66 660.00 IU/kg	
	- Oil and fat	3 335.00 IU/dm <sup>3</sup> to	
		66 660.00 IU/dm <sup>3</sup>	
		100.00 μg/100 ml to	
		2 000.00 μg/100 ml	
		100.00 μg/100 g to	
		2 000.00 μg/100 g	
	Foods	- Vitamin B1 (Thiamine)	In - house method :TM-LC-130
	- Cereal and	0.04 mg/100 g to 2.00 mg/100 g	based on AOAC Official Methods of
	cereal products	0.04 mg/100 mL to 2.00 mg/100 mL	Analysis, 22 <sup>nd</sup> ed., 2023, method 986.27
	- Vegetables, fruits and		
	processed products		
	- Meat and meat products		
	(Fresh, Frozen, Processed)		
	- Beverage		

Initial Issue Date 19<sup>th</sup> May 2014

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# Scope of Laboratory Accreditation

Laboratory Name : Intertek Testing Services (Thailand) Ltd. – Food Services

Address : 888 MEC Building, 9<sup>th</sup> – 10<sup>th</sup> Floor, Debaratna Road, Bangna Tai,

Bangna, Bangkok 10260

Accreditation Number : Testing - 0111

Laboratory Status : ✓ Permanent ☐ Site ☐ Temporary ☐ Mobile

Item	Test Material /	Test Item /	Test Method /
Number	Product	Range of Testing	Technique Used
2	Foods	- Vitamin B2 (Riboflavin)	In - house method : TM-LC-131
(cont.)	- Cereal and	0.04 mg/100 g to 2.00 mg/100 g	based on AOAC Official Methods of
	cereal products	0.04 mg/100 mL to	Analysis, 22 <sup>nd</sup> ed., 2023, method 970.65
	- Vegetables, fruits and	2.00 mg/100 mL	
	processed products		
	- Meat and meat products		
	(Fresh, Frozen, Processed)		
	- Beverage		
	Foods	Vitamin ( (as associa asid)	In house method . TM LC 005
	roous	- Vitamin C (as ascobic acid)	In - house method : TM-LC-095
	- Vegetables, fruits and	1.00 mg/100 g to 20.00 mg/100 g	based on Journal of Chromatography A,
	processed products	1.00 mg/100 mL to	Vol.1369 (2014), P. 2-17
	- Beverage	20.00 mg/100 mL	
	- Meat and meat products		
	(Fresh, Frozen, Processed)		

Initial Issue Date 19<sup>th</sup> May 2014

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# Scope of Laboratory Accreditation

Laboratory Name : Intertek Testing Services (Thailand) Ltd. – Food Services

Address : 888 MEC Building, 9<sup>th</sup> – 10<sup>th</sup> Floor, Debaratna Road, Bangna Tai,

Bangna, Bangkok 10260

Accreditation Number : Testing - 0111

Laboratory Status : lacktriangledown Permanent lacktriangledown Site lacktriangledown Temporary lacktriangledown Mobile

Item	Test Material /	Test Item /	Test Method /
Number	Product	Range of Testing	Technique Used
2	Foods	- Aflatoxins	In - house method : TM-LC-091
(cont.)	- Rice	B <sub>1</sub> 2.00 μg/kg to 10.00 μg/kg	based on Journal Toxins, 2016,
	- Cereal and cereal	B <sub>2</sub> 2.00 μg/kg to 10.00 μg/kg	Vol. 8,P. 1-18
	products	G <sub>1</sub> 2.00 μg/kg to 10.00 μg/kg	
	- Nut and nut products	G <sub>2</sub> 2.00 μg/kg to 10.00 μg/kg	
	- Dried food		
	- Flour and flour products	- Total aflatoxin	
	- Seasoning, fish sauce,	2.00 µg/kg to 40.00 µg/kg	
	sauce		
	- Spices		
	- Snack		
	- Beverage		
	Foods	- Total aflatoxin	In - house method :TM-LC-064
	- Nut and nut products	4.00 μg/kg to 40.00 μg/kg	based on ScreenEZ® Aflatoxin ELISA
			Test Kit

Initial Issue Date 19<sup>th</sup> May 2014

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# Scope of Laboratory Accreditation

Laboratory Name : Intertek Testing Services (Thailand) Ltd. – Food Services

Address : 888 MEC Building, 9<sup>th</sup> – 10<sup>th</sup> Floor, Debaratna Road, Bangna Tai,

Bangna, Bangkok 10260

Accreditation Number : Testing - 0111

Laboratory Status : lackimes Permanent lackimes Site lackimes Temporary lackimes Mobile

Item	Test Material /	Test Item /	Test Method /
Number	Product	Range of Testing	Technique Used
2	Foods	- Benzoic acid	In - house method: TM-LC-062
(cont.)	- Flour and flour products	5.00 mg/kg to 200.00 mg/kg	based on ISO 22855 : 2008
	- Seasoning, fish sauce,		
	sauce	- Benzoic acid	
	- Spices	(Calculated as sodium benzoate)	
	- Aquatic animals and	5.90 mg/kg to 236.00 mg/kg	
	products		
		- Sorbic acid	
		5.00 mg/kg to 200.00 mg/kg	
		- Sorbic acid	
		(Calculated as potassium sorbate)	
		6.70 mg/kg to 268.00 mg/kg	

Initial Issue Date 19<sup>th</sup> May 2014

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#### Scope of Laboratory Accreditation

☐ Temporary

☐ Mobile

: Intertek Testing Services (Thailand) Ltd. – Food Services Laboratory Name

: 888 MEC Building, 9<sup>th</sup> – 10<sup>th</sup> Floor, Debaratna Road, Bangna Tai, Address

- Sorbic acid

☐ Site

Bangna, Bangkok 10260

: **☑** Permanent

Accreditation Number : Testing - 0111

Test Material /

Laboratory Status

Test Item / Test Method / Item **Product** Range of Testing Technique Used Number 2 Foods - Benzoic acid In - house method: TM-LC-062 (cont.) - Vegetables, fruits and 5.00 mg/kg to 200.00 mg/kg based on ISO 22855 : 2008 5.00 mg/dm<sup>3</sup> to 200.00 mg/dm<sup>3</sup> products - Tea coffee and products - Beverage - Benzoic acid (Calculated as sodium benzoate) 5.90 mg/kg to 236.00 mg/kg 5.90 mg/dm<sup>3</sup> to 236.00 mg/dm<sup>3</sup> - Sorbic acid 5.00 mg/kg to 200.00 mg/kg 5.00 mg/dm<sup>3</sup> to 200.00 mg/dm<sup>3</sup>

Initial Issue Date 19<sup>th</sup> May 2014

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(Calculated as potassium sorbate)

6.70 mg/kg to 268.00 mg/kg

6.70 mg/dm<sup>3</sup> to 268.00 mg/dm<sup>3</sup>

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☐ Mobile

### Scope of Laboratory Accreditation

: Intertek Testing Services (Thailand) Ltd. – Food Services Laboratory Name

: 888 MEC Building, 9<sup>th</sup> – 10<sup>th</sup> Floor, Debaratna Road, Bangna Tai, Address

☐ Site

Bangna, Bangkok 10260

: **☑** Permanent

Accreditation Number : Testing - 0111

☐ Temporary Laboratory Status Test Material / Test Item / Test Method / Item **Product** Number Range of Testing Technique Used - Sulfur dioxide (SO<sub>2</sub>) 2 Foods AOAC Official Methods of Analysis, (cont.) - Meat and Meat products 10 mg/kg to 1 500 mg/kg 22<sup>nd</sup> ed., 2023, method 990.28 (Fresh, Frozen, Processed) - Vegetables, fruits and - Sulphite content products (Expressed as sulphur dioxide) - Sugar and products 10 mg/kg to 1 500 mg/kg - Dessert, jams and jellies - Beverage - Seasoning - Seafoods and seafoods products (Fresh, Frozen, Processed) - Flour and flour products

Initial Issue Date 19<sup>th</sup> May 2014

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### Scope of Laboratory Accreditation

Laboratory Name : Intertek Testing Services (Thailand) Ltd. – Food Services

Address : 888 MEC Building, 9<sup>th</sup> – 10<sup>th</sup> Floor, Debaratna Road, Bangna Tai,

Bangna, Bangkok 10260

Accreditation Number : Testing - 0111

: **☑** Permanent ☐ Site ☐ Temporary ☐ Mobile Laboratory Status Test Material / Test Item / Test Method / Item **Product** Range of Testing Technique Used Number In - house method: TM-PM-129 2 Foods - Total dietary fiber (cont.) - Ready-to-cook food and 0.02 g/100 g to 30.50 g/100 g based on AOAC Official Methods of Analysis, 22<sup>nd</sup> ed., 2023, method 985.29 ready-to-eat food - Meat and meat products (Fresh, Frozen, Processed) - Seafoods and seafoods products - Flour and flour products - Vegetables, fruits and products (Fresh, Frozen, Processed) - Cereal and cereal products - Beverage

Initial Issue Date 19<sup>th</sup> May 2014

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# Scope of Laboratory Accreditation

Laboratory Name : Intertek Testing Services (Thailand) Ltd. – Food Services

Address : 888 MEC Building, 9<sup>th</sup> – 10<sup>th</sup> Floor, Debaratna Road, Bangna Tai,

Bangna, Bangkok 10260

Accreditation Number : Testing - 0111

Item	Test Material /	Test Item /	Test Method /
Number	Product	Range of Testing	Technique Used
2	Foods	- Sodium	In - house method : TM-HM-119
(cont.)		0.50 mg/100 g to 10.00 mg/100 g	based on AOAC Official Methods of
		- Calcium	Analysis, 22 <sup>nd</sup> ed., 2023,
		1.00 mg/100 g to 125.00 mg/100 g	method 2015.01
		- Iron	
		0.05 mg/100 g to 2.50 mg/100 g	
		- Zinc	
		0.05 mg/100 g to 2.50 mg/100 g	
		- Potassium	
		0.50 mg/100 g to 10.00 mg/100 g	
		- Manganese	
		0.05 mg/100 g to 2.50 mg/100 g	
		- Magnesium	
		0.25 mg/100 g to 5.00 mg/100 g	
		- Tin	
		0.05 mg/100 g to 2.50 mg/100 g	

Initial Issue Date 19<sup>th</sup> May 2014

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# Scope of Laboratory Accreditation

Laboratory Name : Intertek Testing Services (Thailand) Ltd. – Food Services

Address : 888 MEC Building, 9<sup>th</sup> – 10<sup>th</sup> Floor, Debaratna Road, Bangna Tai,

Bangna, Bangkok 10260

Accreditation Number : Testing - 0111

Laboratory Status :  $oxed{oldsymbol{\square}}$  Permanent  $oxed{\Box}$  Site  $oxed{\Box}$  Temporary  $oxed{\Box}$  Mobile

Item	Test Material /	Test Item /	Test Method /
Number	Product	Range of Testing	Technique Used
2	Foods	- Sodium	In - house method : TM-HM-219
(cont.)		5.00 mg/kg to 10 000.00 mg/kg	based on AOAC Official Methods of
		- Calcium	Analysis, 22 <sup>nd</sup> ed., 2023,
		10.00 mg/kg to 10 000.00 mg/kg	method 984.27
		- Potassium	
		5.00 mg/kg to 10 000.00 mg/kg	
		- Magnesium	
		2.50 mg/kg to 2 500.00 mg/kg	
		- Iron	
		5.00 mg/kg to 500.00 mg/kg	
		- Manganese	
		5.00 mg/kg to 500.00 mg/kg	
		- Copper	
		5.00 mg/kg to 500.00 mg/kg	
		- Zinc	
		5.00 mg/kg to 500.00 mg/kg	

Initial Issue Date 19<sup>th</sup> May 2014

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# Scope of Laboratory Accreditation

Laboratory Name : Intertek Testing Services (Thailand) Ltd. – Food Services

Address : 888 MEC Building, 9<sup>th</sup> – 10<sup>th</sup> Floor, Debaratna Road, Bangna Tai,

Bangna, Bangkok 10260

Accreditation Number : Testing - 0111

Laboratory Status :  $oxed{oldsymbol{\square}}$  Permanent  $oxed{\Box}$  Site  $oxed{\Box}$  Temporary  $oxed{\Box}$  Mobile

Laborate	Laboratory Status . E. Fermanent . E. Site . E. Fermporary . E. Mobile				
Item	Test Material /	Test Item /	Test Method /		
Number	Product	Range of Testing	Technique Used		
2	Foods	- Tin	In - house method : TM-HM-219		
(cont.)		5.00 mg/kg to 500.00 mg/kg	based on AOAC Official Methods of		
		- Aluminium	Analysis, 22 <sup>nd</sup> ed., 2023,		
		5.00 mg/kg to 500.00 mg/kg	method 984.27		
		- Nickle			
		5.00 mg/kg to 500.00 mg/kg			
		- Chromium			
		5.00 mg/kg to 500.00 mg/kg			
		- Peroxide value	In - house method : TM-PM-194		
		0.05 meq/kg to 100.12 meq/kg	based on AOCS Official Method Cd 8-53		
		- Bacillus cereus	FDA Bacteriological Analytical Manual		
		CFU/g, CFU/mL	online, Chapter 14, October 2020		

Initial Issue Date 19<sup>th</sup> May 2014

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### Scope of Laboratory Accreditation

Laboratory Name : Intertek Testing Services (Thailand) Ltd. – Food Services

Address : 888 MEC Building, 9<sup>th</sup> – 10<sup>th</sup> Floor, Debaratna Road, Bangna Tai,

Bangna, Bangkok 10260

Accreditation Number : Testing - 0111

Laboratory Status : lackimes Permanent lackimes Site lackimes Temporary lackimes Mobile

Item	Test Material /	Test Item /	Test Method /
Number	Product	Range of Testing	Technique Used
2	Foods	- Salmonella spp.	ISO 6579-1 : 2017 / Amd.1 : 2020
(cont.)		Detected or not detected/25 g	
		Detected or not detected/ 25 mL	
		- Aerobic plate count	FDA Bacteriological Analytical Manual
		CFU/g, CFU/mL	online, Chapter 3, January 2001
		- Coliforms	FDA Bacteriological Analytical Manual
		MPN/g, MPN/mL	online, Chapter 4, October 2020
		CFU/g, CFU/mL	
		- Escherichia coli	
		MPN/g, MPN/mL	
		CFU/g, CFU/mL	
		Detected or not detected/	
		1 g or 0.1 g or 0.01 g,	
		1 mL or 0.1 mL or 0.01 mL	

Initial Issue Date 19<sup>th</sup> May 2014

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# Scope of Laboratory Accreditation

Laboratory Name : Intertek Testing Services (Thailand) Ltd. – Food Services

Address : 888 MEC Building, 9<sup>th</sup> – 10<sup>th</sup> Floor, Debaratna Road, Bangna Tai,

Bangna, Bangkok 10260

Accreditation Number : Testing - 0111

Laboratory Status :  $oxed{arDelta}$  Permanent  $oxed{\square}$  Site  $oxed{\square}$  Temporary  $oxed{\square}$  Mobile

Item	Test Material /	Test Item /	Test Method /
Number	Product	Range of Testing	Technique Used
2	Foods	- Staphylococcus aureus	FDA Bacteriological Analytical Manual
(cont.)		MPN/g, MPN/mL	online, Chapter 12, March 2016
		CFU/g, CFU/mL	
		Detected or not detected/	
		1 g or 0.1 g or 0.01 g,	
		1 mL or 0.1 mL or 0.01 mL	
		- Yeasts and molds	FDA Bacteriological Analytical Manual
		CFU/g, CFU/mL	online, Chapter 18, January 2001
		- Clostridium perfringens	FDA Bacteriological Analytical Manual
		CFU/g, CFU/mL,	online, Chapter 16, January 2001
		Detected or not detected/	
		1 g or 0.1 g or 0.01 g,	
		1 mL or 0.1 mL or 0.01 mL	
		- Listeria spp.	ISO 11290-1 : 2017
		Detected or not detected/25 g	
		Detected or not detected/25 mL	

Initial Issue Date 19<sup>th</sup> May 2014

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### Scope of Laboratory Accreditation

Laboratory Name : Intertek Testing Services (Thailand) Ltd. – Food Services

Address : 888 MEC Building, 9<sup>th</sup> – 10<sup>th</sup> Floor, Debaratna Road, Bangna Tai,

Bangna, Bangkok 10260

Accreditation Number : Testing - 0111

: **☑** Permanent ☐ Site ☐ Temporary ☐ Mobile Laboratory Status Test Material / Test Item / Test Method / Item **Product** Number Range of Testing Technique Used 2 Foods ISO 11290-1: 2017 - Listeria monocytogenes (cont.) Detected or not detected/25 g Detected or not detected/25 mL - Vibrio cholerae FDA Bacteriological Analytical Manual Detected or not detected/25 g online, Chapter 9, May 2004 Detected or not detected/25 mL - Vibrio parahaemolyticus FDA Bacteriological Analytical Manual MPN/g, MPN/mL online, Chapter 9, May 2004 Detected or not detected/25 g Detected or not detected/25 mL - Enterococci Compendium of Methods for the CFU/g, CFU/mL Microbiological Examination of Foods (APHA), 5<sup>th</sup> ed., 2015, Chapter 10

Initial Issue Date 19<sup>th</sup> May 2014

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# Scope of Laboratory Accreditation

Laboratory Name : Intertek Testing Services (Thailand) Ltd. – Food Services

Address : 888 MEC Building, 9<sup>th</sup> – 10<sup>th</sup> Floor, Debaratna Road, Bangna Tai,

Bangna, Bangkok 10260

Accreditation Number : Testing - 0111

Laboratory Status : lackimes Permanent lackimes Site lackimes Temporary lackimes Mobile

Laborati	Laboratory Status . De Fermanent De Site De Temporary De Mobile				
Item	Test Material /	Test Item /	Test Method /		
Number	Product	Range of Testing	Technique Used		
2	Foods	- Aerobic plate count	AOAC Official Methods of Analysis,		
(cont.)		CFU/g, CFU/mL	22 <sup>nd</sup> ed., 2023, method 2015.13		
		- Campylobacter jejuni	AOAC Performance Test		
		Detected or not detected/25 g	Certificate No. 012101		
		Detected or not detected/25 mL			
		- Campylobacter coli			
		Detected or not detected/25 g			
		Detected or not detected/25 mL			
		- Campylobacter spp.			
		Detected or not detected/25 g			
		Detected or not detected/25 mL			
		- Campylobacter lari			
		Detected or not detected/25 g			
		Detected or not detected/25 mL			

Initial Issue Date 19<sup>th</sup> May 2014

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# Scope of Laboratory Accreditation

Laboratory Name : Intertek Testing Services (Thailand) Ltd. – Food Services

Address : 888 MEC Building, 9<sup>th</sup> – 10<sup>th</sup> Floor, Debaratna Road, Bangna Tai,

Bangna, Bangkok 10260

Accreditation Number : Testing - 0111

Laboratory Status :  $oxed{oldsymbol{\square}}$  Permanent  $oxed{\Box}$  Site  $oxed{\Box}$  Temporary  $oxed{\Box}$  Mobile

Item	Test Material /	Test Item /	Test Method /
Number	Product	Range of Testing	Technique Used
2	Foods	- Coliforms	Standard Methods for the Examination
(cont.)	- Beverage	MPN/100 mL	of Water and Wastewater APHA,
			AWWA & WEF, 24 <sup>th</sup> ed., 2023,
			part 9221 B
		- Escherichia coli	Standard Methods for the Examination
		MPN/100 mL	of Water and Wastewater APHA,
			AWWA & WEF, 24 <sup>th</sup> ed., 2023,
			part 9221 B, F
		- Escherichia coli	Standard Methods for the Examination
		Detected or not detected/100 mL	of Water and Wastewater APHA,
			AWWA & WEF, 24 <sup>th</sup> ed., 2023,
			part 9221 D, F

Initial Issue Date 19<sup>th</sup> May 2014

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#### Scope of Laboratory Accreditation

☐ Temporary

☐ Mobile

Laboratory Name : Intertek Testing Services (Thailand) Ltd. – Food Services

Address : 888 MEC Building, 9<sup>th</sup> – 10<sup>th</sup> Floor, Debaratna Road, Bangna Tai,

☐ Site

Bangna, Bangkok 10260

: **☑** Permanent

Accreditation Number : Testing - 0111

Laboratory Status

Test Material / Test Item / Test Method / Item **Product** Number Range of Testing Technique Used 2 Foods Total sugar In - house method: TM-LC-132 (cont.) - Cereal and cereal - Sucrose based on AOAC Official Methods of Analysis, 22<sup>nd</sup> ed., 2023, method 982.14 products - Fructose - Beverage - Glucose - Maltose - Lactose 1.00 g/100 g to 40.00 g/100 g 1.00 g/100 mL to 40.00 g/100 mL Foods - Saccharin In - house method: TM-LC-062 5.00 mg/dm<sup>3</sup> to 200.00 mg/dm<sup>3</sup> - Beverage based on Compendium of method for food Analysis, first edition, 2003, - Caffeine page (1-12) - (1-17)

5.00 mg/dm<sup>3</sup> to 200.00 mg/dm<sup>3</sup>

Initial Issue Date 19<sup>th</sup> May 2014

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☐ Mobile

#### Scope of Laboratory Accreditation

: Intertek Testing Services (Thailand) Ltd. – Food Services Laboratory Name

: 888 MEC Building, 9<sup>th</sup> – 10<sup>th</sup> Floor, Debaratna Road, Bangna Tai, Address

☐ Site

Bangna, Bangkok 10260

: **☑** Permanent

: Testing - 0111 Accreditation Number

☐ Temporary Laboratory Status Test Material / Test Item / Test Method / Item **Product** Number Range of Testing Technique Used 2 Foods - Chloramphenicol In - house method: TM-LC-123 (cont.) - Aquatic animals and 0.05 µg/kg to 5.00 µg/kg based on Journal AOAC 2003 Vol.86, products No.6, P.1135-1143 - Chloramphenicol In - house method: TM-LC-178 0.03 µg/kg to 1.00 µg/kg based on Euro Proxima, Instruction manual, B.V. 5091 CAP

Initial Issue Date 19<sup>th</sup> May 2014

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# Scope of Laboratory Accreditation

Laboratory Name : Intertek Testing Services (Thailand) Ltd. – Food Services

Address : 888 MEC Building, 9<sup>th</sup> – 10<sup>th</sup> Floor, Debaratna Road, Bangna Tai,

Bangna, Bangkok 10260

Accreditation Number : Testing - 0111

Laborato	Laboratory Status : 🗹 Permanent 🗆 Site 🔲 Temporary 🔲 Mobile			
Item	Test Material /	Test Item /	Test Method /	
Number	Product	Range of Testing	Technique Used	
2	Foods	Pesticide residues	In - house method : TM-GC-128	
(cont.)	- Fats and oils	Organochlorine group :	based on Journal AOAC 2005, Vol.88,	
		- Aldrin	No.2, P.630-638	
		- Alpha - Chlordane		
		- Alpha – Endosulfan		
		- Alpha  – HCH		
		- Beta – Endosulfan		
		- Beta – HCH		
		- Delta – HCH		
		- Dicofol		
		- Dieldrin		
		- Endosulfan sulfate		
		- Endrin		
		- Endrin – ketone		
		0.02 mg/kg to 0.20 mg/kg		

Initial Issue Date 19<sup>th</sup> May 2014

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#### Scope of Laboratory Accreditation

☐ Temporary

☐ Mobile

Laboratory Name : Intertek Testing Services (Thailand) Ltd. – Food Services

Address : 888 MEC Building, 9<sup>th</sup> – 10<sup>th</sup> Floor, Debaratna Road, Bangna Tai,

☐ Site

Bangna, Bangkok 10260

: **☑** Permanent

Accreditation Number : Testing - 0111

Laboratory Status

Test Material / Test Item / Test Method / Item **Product** Number Range of Testing Technique Used Pesticide residues 2 Foods In - house method: TM-GC-128 (cont.) - Fats and oils Organochlorine group: based on Journal AOAC 2005, Vol.88, - Gamma – Chlordane No.2, P.630-638 - Gamma – HCH - HCB - Heptachlor - Heptachlor – exo- epoxide - Methoxychlor - *o,p* '-DDD - *o,p* '-DDE - *o,p* '-DDT - p,p '-DDD - *p,p* '-DDE - p,p '-DDT 0.02 mg/kg to 0.20 mg/kg

Initial Issue Date 19<sup>th</sup> May 2014

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# Scope of Laboratory Accreditation

Laboratory Name : Intertek Testing Services (Thailand) Ltd. – Food Services

Address : 888 MEC Building, 9<sup>th</sup> – 10<sup>th</sup> Floor, Debaratna Road, Bangna Tai,

Bangna, Bangkok 10260

Accreditation Number : Testing - 0111

Laboratory Status : lackimes Permanent lackimes Site lackimes Temporary lackimes Mobile

Item	Test Material /	Test Item /	Test Method /
Number	Product	Range of Testing	Technique Used
2	Foods	- BHT	In - house method : TM-LC-061
(cont.)	- Fats and oils	1.00 mg/kg to 10.00 mg/kg	based on AOAC Official Method of
		- BHA	Analysis, 22 <sup>nd</sup> ed., 2023, method 983.15
		1.00 mg/kg to 10.00 mg/kg	
		- TBHQ	
		1.00 mg/kg to 10.00 mg/kg	
		- Peroxide value	AOCS Official Methods Cd 8-53
		4.15 meq/kg to 16.68 meq/kg	
		- Fatty acid	In - house method : TM-GC-120
		(Saturated fatty acid,	based on AOAC Official Methods of
		Mono-unsaturated fatty acid,	Analysis, 22 <sup>nd</sup> ed., 2023, method 996.06
		Poly-unsaturated fatty acid,	
		Trans Fatty acid, Omega 3,	
		Omega 6, Omega 9)	
		99.5 g/100 g to 100 g/100 g	

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#### Scope of Laboratory Accreditation

☐ Temporary

☐ Mobile

Laboratory Name : Intertek Testing Services (Thailand) Ltd. – Food Services

Address : 888 MEC Building, 9<sup>th</sup> – 10<sup>th</sup> Floor, Debaratna Road, Bangna Tai,

☐ Site

- Phosphorus pentaoxide

(Calculated as  $P_2O_5$ )

0.21 g/100 g to 2.29 g/100 g

Bangna, Bangkok 10260

: **☑** Permanent

Accreditation Number : Testing - 0111

Laboratory Status

Test Material / Test Item / Test Method / Item **Product** Range of Testing Technique Used Number Foods In - house method: TM-HM-119 2 - Lead (cont.) - Fats and oils 0.03 mg/kg to 2.50 mg/kg based on AOAC Official Methods of Analysis, 22<sup>nd</sup> ed., 2023, method 2015.01 - Flavor based oil - Arsenic 0.03 mg/kg to 2.50 mg/kg - Cadmium 0.03 mg/kg to 2.50 mg/kg Foods - Total phosphorus In - house method: TM-PM-072 - Meat and meat products 0.09 g/100 g to 1.0 g/100 g based on AOAC Official Methods of Analysis, 22<sup>nd</sup> ed., 2023, method 995.11 (Fresh, Frozen, Processed) - Flour and flour products

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- Cereal and cereal

- Vegetables, fruits and

products

products

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#### Scope of Laboratory Accreditation

☐ Temporary

☐ Mobile

Laboratory Name : Intertek Testing Services (Thailand) Ltd. – Food Services

Address : 888 MEC Building, 9<sup>th</sup> – 10<sup>th</sup> Floor, Debaratna Road, Bangna Tai,

☐ Site

Bangna, Bangkok 10260

: **☑** Permanent

Accreditation Number : Testing - 0111

Laboratory Status

Test Material / Test Item / Test Method / Item **Product** Range of Testing Technique Used Number Foods - Total phosphate In - house method: TM-PM-072 2 (Calculated as PO<sub>4</sub> <sup>3</sup>-) (cont.) - Meat and meat products based on AOAC Official Methods of Analysis, 22<sup>nd</sup> ed., 2023, method 995.11 0.28 g/100 g to 3.10 g/100 g (Fresh, Frozen, Processed) - Flour and flour products - Cereal and cereal products - Vegetables, fruits and products Foods - Total phosphorus In - house method: TM-PM-072 0.02 g/100 g to 1.0 g/100 g based on AOAC Official Methods of - Aquatic animals and Analysis, 22<sup>nd</sup> ed., 2023, method 995.11 products

Initial Issue Date 19<sup>th</sup> May 2014

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#### Scope of Laboratory Accreditation

☐ Temporary

☐ Mobile

Laboratory Name : Intertek Testing Services (Thailand) Ltd. – Food Services

Address : 888 MEC Building, 9<sup>th</sup> – 10<sup>th</sup> Floor, Debaratna Road, Bangna Tai,

☐ Site

Bangna, Bangkok 10260

: **P**ermanent

Accreditation Number : Testing - 0111

Laboratory Status

Test Material / Test Item / Test Method / Item **Product** Range of Testing Technique Used Number 2 Foods - Phosphorus pentaoxide In - house method: TM-PM-072 (cont.) - Aquatic animals and (Calculated as P<sub>2</sub>O<sub>5</sub>) based on AOAC Official Methods of Analysis, 22<sup>nd</sup> ed., 2023, method 995.11 products 0.05 g/100 g to 2.29 g/100 g - Total phosphate (Calculated as PO<sub>4</sub> <sup>3</sup>-) 0.06 g/100 g to 3.10 g/100 g Foods - Histamine In - house method : TM-LC-150 - Aquatic animals and 5.00 mg/kg to 1 000.00 mg/kg based on AOAC Official Method of Analysis, 22<sup>nd</sup> ed., 2023, 977.13 products - Fish sauce

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#### Scope of Laboratory Accreditation

Laboratory Name : Intertek Testing Services (Thailand) Ltd. – Food Services

Address : 888 MEC Building, 9<sup>th</sup> – 10<sup>th</sup> Floor, Debaratna Road, Bangna Tai,

Bangna, Bangkok 10260

Accreditation Number : Testing - 0111

: **☑** Permanent ☐ Site ☐ Temporary ☐ Mobile Laboratory Status Test Material / Test Item / Test Method / Item **Product** Number Range of Testing Technique Used 2 Foods In - house method: TM-HM-098 - Lead (cont.) - Aquatic animals and 0.003 mg/kg to 2.50 mg/kg based on AOAC Official Methods of Analysis, 22<sup>nd</sup> ed., 2023, method 2015.01 products - Cadmium 0.003 mg/kg to 2.50 mg/kg - Arsenic 0.03 mg/kg to 2.50 mg/kg - Mercury 0.02 mg/kg to 0.50 mg/kg - Copper 0.50 mg/kg to 50.00 mg/kg - Selenium 0.50 mg/kg to 50.00 mg/kg - Chromium 0.50 mg/kg to 50.00 mg/kg

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# Scope of Laboratory Accreditation

Laboratory Name : Intertek Testing Services (Thailand) Ltd. – Food Services

Address : 888 MEC Building, 9<sup>th</sup> – 10<sup>th</sup> Floor, Debaratna Road, Bangna Tai,

Bangna, Bangkok 10260

Accreditation Number : Testing - 0111

Laboratory Status : ☑ Permanent ☐ Site ☐ Temporary ☐ Mobile

Item	Test Material /	Test Item /	Test Method /
Number	Product	Range of Testing	Technique Used
2	Foods	- Malachite green	In - house method : TM-LC-124
(cont.)	- Aquatic animals and	- Leucomalachite green	based on Journal of AOAC, 88 (3),
	products	- Crystal violet	2005, P.744-9
		(Basic violet 3)	
		- Leucocrystal violet	
		0.10 µg/kg to 3.00 µg/kg	
		Nitrofuran metabolite	In - house method: TM-LC-125
		- AOZ	based on J. Analytica Chimica Acta.
		- AMOZ	Vol 586, 2007, P. 336-347
		- AHD	
		- SEM	
		0.10 µg/kg to 5.00 µg/kg	
		- Nifursol (DNSH)	In - house method : TM-LC-125
		- Nitrovin	based on J. Analytical and Bioanalytical
		0.10 µg/kg to 5.00 µg/kg	Chemistry. Vol. 586, 2022, 414 : 1375-1388
			, , , , , ,

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# Scope of Laboratory Accreditation

Laboratory Name : Intertek Testing Services (Thailand) Ltd. – Food Services

Address : 888 MEC Building, 9<sup>th</sup> – 10<sup>th</sup> Floor, Debaratna Road, Bangna Tai,

Bangna, Bangkok 10260

Accreditation Number : Testing - 0111

Laboratory Status : ☑ Permanent ☐ Site ☐ Temporary ☐ Mobile

Item	Test Material /	Test Item /	Test Method /
Number	Product	Range of Testing	Technique Used
2	Foods	- Oxytetracycline	In - house method : TM-LC-126
(cont.)	- Aquatic animals and	- Doxycycline	based on AOAC Official Methods of
	products	- Chlortetracycline	Analysis, 22 <sup>nd</sup> ed., 2023, method 995.09
		- Tetracycline	
		5.00 µg/kg to 300 µg/kg	
		Residue Quinolones group :	In - house method : TM-LC-121
		- Oxolinic acid	based on Food and Drug Analysis,
			,
		- Nalidixic acid	Vol.20, No.3, 2012, P.674-680
		- Flumequine	
		5.00 µg/kg to 200.00 µg/kg	
		Residue Fluoroquinolones group :	In - house method : TM-LC-121
		- Ciprofloxacin	based on Food and Drug Analysis,
		- Danofloxacin	Vol.20, No.3, 2012, P.674-680
		- Difloxacin	
		5.00 μg/kg to 200.00 μg/kg	

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# Scope of Laboratory Accreditation

Laboratory Name : Intertek Testing Services (Thailand) Ltd. – Food Services

Address : 888 MEC Building, 9<sup>th</sup> – 10<sup>th</sup> Floor, Debaratna Road, Bangna Tai,

Bangna, Bangkok 10260

Accreditation Number : Testing - 0111

Laborato	Laboratory Status : 🗹 Permanent 🔲 Site 🔲 Temporary 🔲 Mobile			
Item	Test Material /	Test Item /	Test Method /	
Number	Product	Range of Testing	Technique Used	
2	Foods	Residue Fluoroquinolones group :	In - house method : TM-LC-121	
(cont.)	- Aquatic animals and	- Enoxacin	based on Food and Drug Analysis,	
	products	- Enrofloxacin	Vol.20, No.3, 2012, P.674-680	
		- Levofloxacin		
		- Lomefloxacin		
		- Norfloxacin		
		- Orbifloxacin		
		- Pefloxacin		
		- Sarafloxacin		
		- Spafloxacin		
		- Ofloxacin		
		- Pazufloxacin		
		- Marbofloxacin		
		5.00 μg/kg to 200.00 μg/kg		

Initial Issue Date 19<sup>th</sup> May 2014

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# Scope of Laboratory Accreditation

Laboratory Name : Intertek Testing Services (Thailand) Ltd. – Food Services

Address : 888 MEC Building, 9<sup>th</sup> – 10<sup>th</sup> Floor, Debaratna Road, Bangna Tai,

Bangna, Bangkok 10260

Accreditation Number : Testing - 0111

Laboratory Status :  $oxed{arDelta}$  Permanent  $oxed{\Box}$  Site  $oxed{\Box}$  Temporary  $oxed{\Box}$  Mobile

Laborate	ory Status . 🖭 Ferric	remporary	☐ MODILE
Item	Test Material /	Test Item /	Test Method /
Number	Product	Range of Testing	Technique Used
2	Foods	Residue Sulfonamides group,	In - house method : TM-LC-121
(cont.)	- Aquatic animals and	Trimethoprim and Ormethoprim :	based on Food and Drug Analysis,
	products	- Sulfachloropyridazine	Vol.20, No.3, 2012, P.674-680
		- Sulfadiazine	
		- Sulfadimethoxine	
		- Sulfadoxine	
		- Sulfamerazine	
		- Sulfamethazine	
		- Sulfamethoxazole	
		- Sulfamethoxypyridazine	
		- Sulfamonomethoxine	
		- Sulfapyridine	
		- Sulfaquinoxaline	
		- Sulfisoxazole	
		- Sulfathiazole	
		- Trimethoprim	
		- Ormethoprim	
		5.00 µg/kg to 200.00 µg/kg	

Initial Issue Date 19<sup>th</sup> May 2014

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#### Scope of Laboratory Accreditation

☐ Temporary

☐ Mobile

Test Method /

Laboratory Name : Intertek Testing Services (Thailand) Ltd. – Food Services

Address : 888 MEC Building, 9<sup>th</sup> – 10<sup>th</sup> Floor, Debaratna Road, Bangna Tai,

☐ Site

Bangna, Bangkok 10260

: **☑** Permanent

Accreditation Number : Testing - 0111

Test Material /

Laboratory Status

Item

**Product** Number Range of Testing Technique Used 2 Foods - TVB-N In - house method: TM-PM-230 (cont.) Aquatic animals and 0.01 mg/100 g to 300.00 mg/100 g based on Commission regulation (EC) products No. 2074/2005 Foods - Detection of porcine DNA In - house method: TM-MIC-056 Detected or not detected - Meat and meat products based on Biosci. Biotechnol. Biochem., (Fresh, Frozen, Processed) LOD = 0.1 % at 100 ng of 71(12), 3131-3135, 2007 - Soy milk sample

Test Item /

Initial Issue Date 19<sup>th</sup> May 2014

- Bean curd

- Corn milk

- Rice

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# Scope of Laboratory Accreditation

Laboratory Name : Intertek Testing Services (Thailand) Ltd. – Food Services

Address : 888 MEC Building, 9<sup>th</sup> – 10<sup>th</sup> Floor, Debaratna Road, Bangna Tai,

Bangna, Bangkok 10260

Accreditation Number : Testing - 0111

Laboratory Status : ☑ Permanent ☐ Site ☐ Temporary ☐ Mobile

Item	Test Material /	Test Item /	Test Method /
Number	Product	Range of Testing	Technique Used
2	Foods	- CaMV 35S promoter	In - house method: TM-MIC-038
(cont.)	- Vegetables, fruits and	Detected or not detected	based on ISO 21569: 2005 /
	products	LOD = 0.1 % at 100 ng of	Amd.1 : 2013 (E)
	- Papaya and papaya	SOYA BEAN POWDER GTS	
	products	40-3-2 Soya	
	(Fresh, Frozen, Process)		
	- Cereal and cereal	- NOS terminator	
	products	Detected or not detected	
	- Peanut and peanut	LOD = 0.1 % at 100 ng of	
	products	SOYA BEAN POWDER GTS	
	- Tapioca starch	40-3-2 Soya	
	- Seasoning		
	- Sugar cane		

Initial Issue Date 19<sup>th</sup> May 2014

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☐ Mobile

Test Method /

#### Scope of Laboratory Accreditation

☐ Temporary

Laboratory Name : Intertek Testing Services (Thailand) Ltd. – Food Services

Address : 888 MEC Building, 9<sup>th</sup> – 10<sup>th</sup> Floor, Debaratna Road, Bangna Tai,

40-3-2 Sova

40-3-2 Soya

- Roundup Ready soybeans

Detected or not detected

LOD = 0.1 % at 100 ng of

SOYA BEAN POWDER GTS

☐ Site

Test Item /

Bangna, Bangkok 10260

: **☑** Permanent

Accreditation Number : Testing - 0111

Test Material /

Laboratory Status

Item

**Product** Technique Used Number Range of Testing - CaMV 35S promoter In - house method: TM-MIC-039 2 Foods (cont.) - Rice and rice products Detected or not detected based on ISO 21569: 2005 (E) - Corn and corn products LOD = 0.1 % at 100 ng of - Soybean and soybean SOYA BEAN POWDER GTS 40-3-2 Soya products (Not include soy sauce and soybean oil) - NOS terminator In - house method: TM-MIC-039 Detected or not detected based on Eur Food Res Technol LOD = 0.1 % at 100 ng of (2010), Vol.230, p.383-393 SOYA BEAN POWDER GTS

Initial Issue Date 19<sup>th</sup> May 2014

- Soybean and soybean

(Not include soy sauce

and soybean oil)

products

Issue Number 11

In - house method: TM-MIC-040

based on ISO 21569: 2005 (E)

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# Scope of Laboratory Accreditation

Laboratory Name : Intertek Testing Services (Thailand) Ltd. – Food Services

Address : 888 MEC Building, 9<sup>th</sup> – 10<sup>th</sup> Floor, Debaratna Road, Bangna Tai,

Bangna, Bangkok 10260

Accreditation Number : Testing - 0111

Laboratory Status : f Z Permanent  $f \Box$  Site  $f \Box$  Temporary  $f \Box$  Mobile

Item	Test Material /	Test Item /	Test Method /
Number	Product	Range of Testing	Technique Used
2	Foods	- Coliform	AOAC Official Methods of Analysis,
(cont.)		CFU/g, CFU/mL	22 <sup>nd</sup> ed., 2023, method 2018.13
		- Escherichia coli	
		CFU/g, CFU/mL	
		- Staphylococcus aureus	AOAC Official Methods of Analysis,
		CFU/g, CFU/mL	22 <sup>nd</sup> ed., 2023, method 2003.11,
			2003.07, 2003.08
		- Enterococci	NordVal Inernational /NMKL
		CFU/g, CFU/mL	Certificate No. 047
			(Compact Dry ETC method)

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#### Scope of Laboratory Accreditation

☐ Temporary

☐ Mobile

Test Method /

AOAC Official Methods of Analysis,

AFNOR Validation, Certificate reference

No. UNI 03/07-11/13, With end of

AFNOR Validation, 2020 Certificate

reference No. 3M 01/16-11/16

Validity 4<sup>th</sup> November-2025

22<sup>nd</sup> ed., 2023, method 2021.02

Laboratory Name : Intertek Testing Services (Thailand) Ltd. – Food Services

Address : 888 MEC Building, 9<sup>th</sup> – 10<sup>th</sup> Floor, Debaratna Road, Bangna Tai,

☐ Site

Test Item /

Bangna, Bangkok 10260

: **P**ermanent

Accreditation Number : Testing - 0111

Test Material /

Laboratory Status

Item

**Product** Range of Testing Technique Used Number AOAC Official Methods of Analysis, 2 Foods - Salmonella spp. (cont.) - Nut and nut products Detected or not detected/25 g 22<sup>nd</sup> ed., 2023, method 2016.01 Detected or not detected/375 g AFNOR Certificate No. 3M 01/16-11/16 Foods - Salmonella spp. AOAC Official Methods of Analysis, 22<sup>nd</sup> ed., 2023, method 2016.01 Detected or not detected/25 g Detected or not detected/25 mL

Initial Issue Date 19<sup>th</sup> May 2014

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# Scope of Laboratory Accreditation

Laboratory Name : Intertek Testing Services (Thailand) Ltd. – Food Services

Address : 888 MEC Building, 9<sup>th</sup> – 10<sup>th</sup> Floor, Debaratna Road, Bangna Tai,

Bangna, Bangkok 10260

Accreditation Number : Testing - 0111

Laboratory Status : lackimes Permanent lackimes Site lackimes Temporary lackimes Mobile

ory status . 🖸 Ferria		□ Mobile
Test Material /	Test Item /	Test Method /
Product	Range of Testing	Technique Used
Foods	- Listeria monocytogenes	AOAC official methods of Analysis
	Detected or not detected/25 g	22 <sup>nd</sup> ed., 2023, method 2021.05
	Detected or not detected/25 mL	
		AFNOR Validation, Certificate reference
		No. UNI 03/08-11/13, With end of
		Validity 4 <sup>th</sup> November-2025
		AFNOR Validation, 2020 Certificate
		reference No. 3M 01/15-09/16
	- Listeria spp.	AOAC official methods of Analysis
	Detected or not detected/25 g	22 <sup>nd</sup> ed., 2023, method 2021.06
	Detected or not detected/25 mL	
		AFNOR Validation, Certificate reference
		No. UNI 03/09-11/13, With end of
		Validity 28 <sup>th</sup> November-2025
	Product	Product Range of Testing  - Listeria monocytogenes Detected or not detected/25 g Detected or not detected/25 mL  - Listeria spp. Detected or not detected/25 g

Initial Issue Date 19<sup>th</sup> May 2014

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# Scope of Laboratory Accreditation

Laboratory Name : Intertek Testing Services (Thailand) Ltd. – Food Services

Address : 888 MEC Building, 9<sup>th</sup> – 10<sup>th</sup> Floor, Debaratna Road, Bangna Tai,

Bangna, Bangkok 10260

Accreditation Number : Testing - 0111

Laboratory Status :  $oxed{oldsymbol{\square}}$  Permanent  $oxed{\Box}$  Site  $oxed{\Box}$  Temporary  $oxed{\Box}$  Mobile

Item	Test Material /	Test Item /	Test Method /
Number	Product	Range of Testing	Technique Used
2	Foods	- Listeria spp.	AFNOR Validation, 2020 Certificate
(cont.)		Detected or not detected/25 g	reference No. 3M 01/14-05/16
		Detected or not detected/25 mL	
		- Yeasts and molds	AOAC Official Methods of Analysis,
		CFU/g, CFU/mL	22 <sup>nd</sup> ed., 2023, method 2014.05
		- Ethanol	In - house method : TM-GC-225
		0.05 g/100 g to 1.0 g/100 g	based on AOAC Official Methods of
		0.05 g/100 g (w/v) to 1.0 g/100 g (w/v)	Analysis, 22 <sup>nd</sup> ed., 2023, method 986.12
		0.05 g/100g (v/v) to 1.0 g/100g (v/v)	
		- Net weight	AOAC Official Methods of Analysis,
		1 g to 1 500 g	22 <sup>nd</sup> ed., 2023, method 968.03
		- Drain weight	
		1 g to 1 500 g	

Initial Issue Date 19<sup>th</sup> May 2014

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# Scope of Laboratory Accreditation

Laboratory Name : Intertek Testing Services (Thailand) Ltd. – Food Services

Address : 888 MEC Building, 9<sup>th</sup> – 10<sup>th</sup> Floor, Debaratna Road, Bangna Tai,

Bangna, Bangkok 10260

Accreditation Number : Testing - 0111

Laborato	ory Status : 🗹 Perma	anent 🛘 Site 🔻 Temporary	☐ Mobile
Item	Test Material /	Test Item /	Test Method /
Number	Product	Range of Testing	Technique Used
2	Foods	- Listeria monocytogenes	AOAC Official Methods of Analysis,
(cont.)	- Meat and meat products	Detected or not detected/2 mL	22 <sup>nd</sup> ed., 2023, method 2016.08
	(Fresh, Frozen, processed)	Detected or not detected/2 g	
	- Flour and flour products		
	- Seasoning	- Listeria spp	AOAC Official Methods of Analysis,
		Detected or not detected/2 mL	22 <sup>nd</sup> ed., 2023, method 2016.07
		Detected or not detected/2 g	
	Foods	Sweetener	In - house method : TM-LC-189
	- Snack	- Acesulfame-K	based on Journal of food and drug
	- Beverage	- Aspartame	Analysis, (2014), page 318-328
		- Cyclamate	
		- Sucralose	
		3.00 mg/kg to 5 000.00 mg/kg	
		3.00 mg/L to 5 000.00 mg/L	

Initial Issue Date 19<sup>th</sup> May 2014

Issue Number 11

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# Scope of Laboratory Accreditation

Laboratory Name : Intertek Testing Services (Thailand) Ltd. – Food Services

Address : 888 MEC Building, 9<sup>th</sup> – 10<sup>th</sup> Floor, Debaratna Road, Bangna Tai,

Bangna, Bangkok 10260

Accreditation Number : Testing - 0111

Laborato	Laboratory Status : ☑ Permanent ☐ Site ☐ Temporary ☐ Mobile			
Item	Test Material /	Test Item /	Test Method /	
Number	Product	Range of Testing	Technique Used	
2	Foods	Allergen	R-Biopharm RIDASCREEN Fast Gliadin Art.	
(cont.)	- Flour and flour products	- Allergen Gluten	No.: R7001	
	- Snack	(Calculate as Gliadin)		
	- Ready-to-eat food	5.00 mg/kg to 80.00 mg/kg		
	- Beverage	5.00 mg/L to 80.00 mg/L		
	- Meat and meat products	- Allergen Wheat		
	(Fresh, Frozen, Processed)	(Calculate as Gliadin)		
		5.00 mg/kg to 80.00 mg/kg		
		5.00 mg/L to 80.00 mg/L		
	Foods	Melamine group	In - house method : TM-GC-169	
	- Flour and flour products	- Melamine	based on USFDA Laboratory Information	
		- Cyanuric acid	Bulletin No.4423, Vol. 24, October 2008	
		- Ammeline		
		- Ammelide		
		0.50 mg/kg to 5.00 mg/kg		

Initial Issue Date 19<sup>th</sup> May 2014

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# Scope of Laboratory Accreditation

Laboratory Name : Intertek Testing Services (Thailand) Ltd. – Food Services

Address : 888 MEC Building, 9<sup>th</sup> – 10<sup>th</sup> Floor, Debaratna Road, Bangna Tai,

Bangna, Bangkok 10260

Accreditation Number : Testing - 0111

Laboratory Status :  $oxed{\square}$  Permanent  $oxed{\square}$  Site  $oxed{\square}$  Temporary  $oxed{\square}$  Mobile

Laborate	Laboratory Status . Let remainent the Site the remporary the Mobile				
Item	Test Material /	Test Item /	Test Method /		
Number	Product	Range of Testing	Technique Used		
3	Rice	- Moisture	AOAC Official Methods of Analysis,		
		7.20 g/100 g to 14.00 g/100 g	22 <sup>nd</sup> ed., 2023, method 925.10		
4	Sugar	- Moisture	ICUMSA GS2/1/3/9-15 (2007)		
	- White sugar	0.01 g/100g to 1.22 g/100g			
	- Raw sugar				
	Sugar	- Color	ICUMSA GS9/1/2/3 - 8 (2011)		
	- Refined sugar	5 ICUMSA Units to			
	- White sugar	16 000 ICUMSA Units			
	- Raw sugar				
	Sugar	- Polarization	ICUMSA GS2/3-1 (2011)		
	- Refined sugar	99.00 °Z to 99.97 °Z			
	- White sugar				
	- Caster sugar				
	- Rock sugar				

Initial Issue Date 19<sup>th</sup> May 2014

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#### Scope of Laboratory Accreditation

☐ Temporary

☐ Mobile

Laboratory Name : Intertek Testing Services (Thailand) Ltd. – Food Services

Address : 888 MEC Building, 9<sup>th</sup> – 10<sup>th</sup> Floor, Debaratna Road, Bangna Tai,

☐ Site

Bangna, Bangkok 10260

: **☑** Permanent

Accreditation Number : Testing - 0111

Laboratory Status

Test Material / Test Item / Test Method / Item **Product** Technique Used Number Range of Testing 4 Sugar - Color In - house method: TM-AG-162 (cont.) - Raw sugar 16 000 ICUMSA Units to based on ICUMSA GS9/1/2/3-8 (2011) 39 660 ICUMSA Units - Polarization ICUMSA GS1/2/3/9-1 (2011) 85.06 °Z to 99.80 °Z Other sugar - Polarization ICUMSA GS1/2/3/9-1 (2011) - VHP sugar 85.06 °Z to 99.80 °Z - Icing sugar - Brown sugar - Natural sugar

Initial Issue Date 19<sup>th</sup> May 2014

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# Scope of Laboratory Accreditation

Laboratory Name : Intertek Testing Services (Thailand) Ltd. – Food Services

Address : 888 MEC Building, 9<sup>th</sup> – 10<sup>th</sup> Floor, Debaratna Road, Bangna Tai,

Bangna, Bangkok 10260

Accreditation Number : Testing - 0111

Laboratory Status : lackimes Permanent lackimes Site lackimes Temporary lackimes Mobile

Item	Test Material /	Test Item /	Test Method /
Number	Product	Range of Testing	Technique Used
5	Vegetables and fruits	Pesticide residues	In - house method : TM-GC-073
	- Vegetables with high	Organochlorine group :	based on Journal AOAC 2003, Vol.86,
	water and chlorophyll	- Aldrin	No.2, P.412-431
	content	- Alpha - Chlordane	
	- Vegetables with low	- Alpha – Endosulfan	
	or no chlorophyll	- Alpha – HCH	
	and low water	- Beta – Endosulfan	
	- Fruits and high water	- Beta – HCH	
	and low or no	- Delta – HCH	
	chlorophyll content	- Dicofol	
	- Fruits with high acid	0.01 mg/kg to 0.10 mg/kg	
	and high water content		
	- Cereal and cereal		
	products and products		
	with low water content		

Initial Issue Date 19<sup>th</sup> May 2014

Issue Number 11

Bureau of Laboratory Accreditation, Department of Science Service, Ministry of Higher Education, Science, Research and Innovation

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# Scope of Laboratory Accreditation

Laboratory Name : Intertek Testing Services (Thailand) Ltd. – Food Services

Address : 888 MEC Building, 9<sup>th</sup> – 10<sup>th</sup> Floor, Debaratna Road, Bangna Tai,

Bangna, Bangkok 10260

Accreditation Number : Testing - 0111

Laboratory Status : ☑ Permanent ☐ Site ☐ Temporary ☐ Mobile

Item	Test Material /	Test Item /	Test Method /
Number	Product	Range of Testing	Technique Used
5	Vegetables and fruits	Pesticide residues	In - house method : TM-GC-073
(cont.)	- Vegetables with high	Organochlorine group :	based on Journal AOAC 2003, Vol.86,
	water and chlorophyll	- Dieldrin	No.2, P.412-431
	content	- Endosulfan sulfate	
	- Vegetables with low	- Endrin	
	or no chlorophyll	- Endrin-aldehyde	
	and low water	- Endrin – ketone	
	- Fruits and high water	- Gamma – Chlordane	
	and low or no	- Gamma – HCH	
	chlorophyll content	- HCB	
	- Fruits with high acid	- Heptachlor	
	and high water content	0.01 mg/kg to 0.10 mg/kg	
	- Cereal and cereal		
	products and products		
	with low water content		

Initial Issue Date 19<sup>th</sup> May 2014

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Bureau of Laboratory Accreditation, Department of Science Service, Ministry of Higher Education, Science, Research and Innovation

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☐ Mobile

Test Method /

#### Scope of Laboratory Accreditation

☐ Temporary

Laboratory Name : Intertek Testing Services (Thailand) Ltd. – Food Services

Address : 888 MEC Building, 9<sup>th</sup> – 10<sup>th</sup> Floor, Debaratna Road, Bangna Tai,

☐ Site

Test Item /

Bangna, Bangkok 10260

: **☑** Permanent

Accreditation Number : Testing - 0111

Test Material /

and high water content

products and products

with low water content

- Cereal and cereal

Laboratory Status

Item

**Product** Number Range of Testing Technique Used 5 Vegetables and fruits Pesticide residues In - house method: TM-GC-073 (cont.) - Vegetables with high Organochlorine group: based on Journal AOAC 2003, Vol.86, water and chlorophyll - Heptachlor – exo- epoxide No.2, P.412-431 content - Methoxychlor - Vegetables with low - *o,p* '-DDD - *o,p* '-DDE or no chlorophyll and low water - o,p '-DDT - Fruits and high water - p,p '-DDD and low or no - p,p '-DDE chlorophyll content - p,p '-DDT 0.01 mg/kg to 0.10 mg/kg - Fruits with high acid

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# Scope of Laboratory Accreditation

Laboratory Name : Intertek Testing Services (Thailand) Ltd. – Food Services

Address : 888 MEC Building, 9<sup>th</sup> – 10<sup>th</sup> Floor, Debaratna Road, Bangna Tai,

Bangna, Bangkok 10260

Accreditation Number : Testing - 0111

Laboratory Status : lackimes Permanent lackimes Site lackimes Temporary lackimes Mobile

Item	Test Material /	Test Item /	Test Method /
Number	Product	Range of Testing	Technique Used
5	Vegetables and fruits	Pesticide residues	In - house method : TM-GC-073
(cont.)	- Vegetables with high	Pyrethroid group :	based on Journal AOAC 2003, Vol.86,
	water and chlorophyll	- Bifenthrin	No.2, P.412-431
	content	- Cyfluthrin	
	- Vegetables with low	- Cypermethrin	
	or no chlorophyll	- Deltamethrin	
	and low water	- Fenvalerate	
	- Fruits and high water	- Lambda-Cyhalothrin	
	and low or no	- Permethrin	
	chlorophyll content	0.01 mg/kg to 0.10 mg/kg	
	- Fruits with high acid		
	and high water content	Pesticide residues	
	- Cereal and cereal	Organophosphorous group:	
	products and products	- Acephate	
	with low water content	- Azinphos – ethyl	
		- Azinphos – methyl	
		0.01 mg/kg to 0.10 mg/kg	

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# Scope of Laboratory Accreditation

Laboratory Name : Intertek Testing Services (Thailand) Ltd. – Food Services

Address : 888 MEC Building, 9<sup>th</sup> – 10<sup>th</sup> Floor, Debaratna Road, Bangna Tai,

Bangna, Bangkok 10260

Accreditation Number : Testing - 0111

Laboratory Status :  $oxed{fill}$  Permanent  $oxed{\Box}$  Site  $oxed{\Box}$  Temporary  $oxed{\Box}$  Mobile

Item	Test Material /	Test Item /	Test Method /
Number	Product	Range of Testing	Technique Used
5	Vegetables and fruits	Pesticide residues	In - house method : TM-GC-073
(cont.)	- Vegetables with high	Organophosphorous group:	based on Journal AOAC 2003, Vol.86,
	water and chlorophyll	- Chlorfenvinphos	No.2, P.412-431
	content	- Diazinon	
	- Vegetables with low	- Dichlorvos	
	or no chlorophyll	- Dicrotophos	
	and low water	- Dimethoate	
	- Fruits and high water	- Disulfoton	
	and low or no	- EPN	
	chlorophyll content	- Ethion	
	- Fruits with high acid	- Etrimfos	
	and high water content	- Fenitrothion	
	- Cereal and cereal	- Malathion	
	products and products	- Methamidophos	
	with low water content	- Methidathion	
		0.01 mg/kg to 0.10 mg/kg	

Initial Issue Date 19<sup>th</sup> May 2014

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# Scope of Laboratory Accreditation

Laboratory Name : Intertek Testing Services (Thailand) Ltd. – Food Services

Address : 888 MEC Building, 9<sup>th</sup> – 10<sup>th</sup> Floor, Debaratna Road, Bangna Tai,

Bangna, Bangkok 10260

Accreditation Number : Testing - 0111

Laboratory Status : lackimes Permanent lackimes Site lackimes Temporary lackimes Mobile

Item	Test Material /	Test Item /	Test Method /
Number	Product	Range of Testing	Technique Used
5	Vegetables and fruits	Pesticide residues	In - house method : TM-GC-073
(cont.)	- Vegetables with high	Organophosphorous group:	based on Journal AOAC 2003, Vol.86,
	water and chlorophyll	- Mevinphos	No.2, P.412-431
	content	- Monocrotophos	
	- Vegetables with low	- Omethoate	
	or no chlorophyll	- Parathion – ethyl	
	and low water	- Parathion – methyl	
	- Fruits and high water	- Phorate	
	and low or no	- Phosalone	
	chlorophyll content	- Pirimiphos – ethyl	
	- Fruits with high acid	- Pirimiphos – methyl	
	and high water content	- Profenofos	
	- Cereal and cereal	- Prothiophos	
	products and products	- Triazophos	
	with low water content	- Fenthion	
		0.01 mg/kg to 0.10 mg/kg	

Initial Issue Date 19<sup>th</sup> May 2014

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Bureau of Laboratory Accreditation, Department of Science Service, Ministry of Higher Education, Science, Research and Innovation

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#### Scope of Laboratory Accreditation

☐ Temporary

☐ Mobile

Test Method /

Laboratory Name : Intertek Testing Services (Thailand) Ltd. – Food Services

Address : 888 MEC Building, 9<sup>th</sup> – 10<sup>th</sup> Floor, Debaratna Road, Bangna Tai,

☐ Site

Test Item /

Bangna, Bangkok 10260

: **☑** Permanent

Accreditation Number : Testing - 0111

Test Material /

and high water content

products and products

with low water content

- Cereal and cereal

Laboratory Status

Item

Product Number Range of Testing Technique Used 5 Vegetables and fruits Pesticide residues In - house method: TM-GC-073 (cont.) - Vegetables with high Organophosphorous group: based on Journal AOAC 2003, Vol.86, water and chlorophyll - Phosphamidon No.2, P.412-431 content 0.01 mg/kg to 0.10 mg/kg - Vegetables with low - Chlorpyrifos or no chlorophyll - Chlorpyrifos – methyl and low water - Fruits and high water 0.008 mg/kg to 0.10 mg/kg and low or no chlorophyll content - Fruits with high acid

Initial Issue Date 19<sup>th</sup> May 2014

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# Scope of Laboratory Accreditation

Laboratory Name : Intertek Testing Services (Thailand) Ltd. – Food Services

Address : 888 MEC Building, 9<sup>th</sup> – 10<sup>th</sup> Floor, Debaratna Road, Bangna Tai,

Bangna, Bangkok 10260

Accreditation Number : Testing - 0111

Laboratory Status :  $oxed{oldsymbol{\square}}$  Permanent  $oxed{\Box}$  Site  $oxed{\Box}$  Temporary  $oxed{\Box}$  Mobile

Item	Test Material /	Test Item /	Test Method /
Number	Product	Range of Testing	Technique Used
5	Vegetables and fruits	Pesticide residues	In - house method : TM-LC-060
(cont.)	- Vegetables with high	Carbamate group :	based on Journal AOAC 2003, Vol.86,
	water and chlorophyll	- Aldicarb	No.2, P.412-431
	content	- Aldicarb sulfone	
	- Vegetables with low	- Aldicarb sulfoxide	
	or no chlorophyll	- Bendiocarb	
	and low water	- Carbaryl	
	- Fruits and high water	- Carbofuran	
	and low or no	- Carbofuran-3-hydroxy	
	chlorophyll content	- Fenobucarb	
	- Fruits with high acid	- Isoprocarb	
	and high water content	- Methiocarb	
	- Cereal and cereal	- Methomyl	
	products and products	- Oxamyl	
	with low water content	- Propoxur	
		0.01 mg/kg to 0.05 mg/kg	

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# Scope of Laboratory Accreditation

Laboratory Name : Intertek Testing Services (Thailand) Ltd. – Food Services

Address : 888 MEC Building, 9<sup>th</sup> – 10<sup>th</sup> Floor, Debaratna Road, Bangna Tai,

Bangna, Bangkok 10260

Accreditation Number : Testing - 0111

Laboratory Status : ✓ Permanent ☐ Site ☐ Temporary ☐ Mobile

Item	Test Material /	Test Item /	Test Method /
Number	Product	Range of Testing	Technique Used
5	Vegetables and fruits	Pesticide residues	In - house method : TM-GC-073
(cont.)	- Vegetables with high	Other group :	based on Journal AOAC 2003, Vol.86,
	water and chlorophyll	- Atrazine	No.2, P.412-431
	content	- Edifenphos	
	- Vegetables with low	- Fipronil	
	or no chlorophyll	- Iprodione	
	and low water	- Oxadiazon	
	- Fruits and high water	- Propiconazole	
	and low or no	0.01 mg/kg to 0.10 mg/kg	
	chlorophyll content		
	- Fruits with high acid		
	and high water content		
	- Cereal and cereal		
	products and products		
	with low water content		

Initial Issue Date 19<sup>th</sup> May 2014

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# Scope of Laboratory Accreditation

Laboratory Name : Intertek Testing Services (Thailand) Ltd. – Food Services

Address : 888 MEC Building, 9<sup>th</sup> – 10<sup>th</sup> Floor, Debaratna Road, Bangna Tai,

Bangna, Bangkok 10260

Accreditation Number : Testing - 0111

Laborato	ory Status : ☑ Perma	anent 🛘 Site 🔻 Temporary	☐ Mobile
Item	Test Material /	Test Item /	Test Method /
Number	Product	Range of Testing	Technique Used
5	Vegetables and fruits	Pesticide residues	In - house method : TM-GC-073
(cont.)	- Dried fruits and	Organochlorine group :	based on Journal AOAC 2003, Vol.86,
	Vegetables or high sugar	- Aldrin	No.2, P.412-431
	products	- Alpha – Chlordane	
		- Alpha – Endosulfan	
		- Alpha – HCH	
		- Beta – Endosulfan	
		- Beta – HCH	
		- Delta – HCH	
		- Dicofol	
		- Dieldrin	
		- Endosulfan sulfate	
		- Endrin	
		- Endrin-aldehyde	
		0.01 mg/kg to 0.10 mg/kg	

Initial Issue Date 19<sup>th</sup> May 2014

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# Scope of Laboratory Accreditation

Laboratory Name : Intertek Testing Services (Thailand) Ltd. – Food Services

Address : 888 MEC Building, 9<sup>th</sup> – 10<sup>th</sup> Floor, Debaratna Road, Bangna Tai,

Bangna, Bangkok 10260

Accreditation Number : Testing - 0111

Laboratory Status
: ✓ Permanent
□ Site
□ Temporary
□ Mobile

Item Test Material / Test Item /

Item	Test Material /	Test Item /	Test Method /
Number	Product	Range of Testing	Technique Used
5	Vegetables and fruits	Pesticide residues	In - house method : TM-GC-073
(cont.)	- Dried fruits and	Organochlorine group :	based on Journal AOAC 2003, Vol.86,
	Vegetables or high sugar	- Endrin – ketone	No.2, P.412-431
	products	- Gamma – Chlordane	
		- Gamma – HCH	
		- HCB	
		- Heptachlor	
		- Heptachlor – exo- epoxide	
		- Methoxychlor	
		- <i>o,p'</i> -DDD	
		- <i>o,p'</i> -DDE	
		- <i>o,p'</i> -DDT	
		- <i>p,p'</i> -DDD	
		- p,p' -DDE	
		- <i>p,p'</i> -DDT	
		0.01 mg/kg to 0.10 mg/kg	

Initial Issue Date 19<sup>th</sup> May 2014

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### Scope of Laboratory Accreditation

☐ Temporary

☐ Mobile

Laboratory Name : Intertek Testing Services (Thailand) Ltd. – Food Services

Address : 888 MEC Building, 9<sup>th</sup> – 10<sup>th</sup> Floor, Debaratna Road, Bangna Tai,

☐ Site

Bangna, Bangkok 10260

: **☑** Permanent

Accreditation Number : Testing - 0111

Laboratory Status

Test Material / Test Item / Test Method / Item **Product** Number Range of Testing Technique Used Pesticide residues 5 Vegetables and fruits In - house method: TM-GC-073 (cont.) - Dried fruits and Pyrethroid group: based on Journal AOAC 2003, Vol.86, Vegetables or high sugar - Bifenthrin No.2, P.412-431 products - Cyfluthrin - Cypermethrin - Deltamethrin - Fenvalerate - Lambda -Cyhalothrin - Permethrin 0.01 mg/kg to 0.10 mg/kg

Initial Issue Date 19<sup>th</sup> May 2014

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# Scope of Laboratory Accreditation

Laboratory Name : Intertek Testing Services (Thailand) Ltd. – Food Services

Address : 888 MEC Building, 9<sup>th</sup> – 10<sup>th</sup> Floor, Debaratna Road, Bangna Tai,

Bangna, Bangkok 10260

Accreditation Number : Testing - 0111

Laboratory Status : ✓ Permanent ☐ Site ☐ Temporary ☐ Mobile

Item	Test Material /	Test Item /	Test Method /
Number	Product	Range of Testing	Technique Used
5	Vegetables and fruits	Pesticide residues	In - house method : TM-GC-073
(cont.)	- Dried fruits and	Organophosphorous group:	based on Journal AOAC 2003, Vol.86,
	Vegetables or high sugar	- Acephate	No.2, P.412-431
	products	- Azinphos – ethyl	
		- Azinphos – methyl	
		- Chlorfenvinphos	
		- Diazinon	
		- Dichlorvos	
		- Dicrotophos	
		- Dimethoate	
		- Disulfoton	
		- EPN	
		- Ethion	
		- Etrimfos	
		- Ethoprophos	
		0.01 mg/kg to 0.10 mg/kg	

Initial Issue Date 19<sup>th</sup> May 2014

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# Scope of Laboratory Accreditation

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Address : 888 MEC Building, 9<sup>th</sup> – 10<sup>th</sup> Floor, Debaratna Road, Bangna Tai,

Bangna, Bangkok 10260

Accreditation Number : Testing - 0111

Laboratory Status : ☑ Permanent ☐ Site ☐ Temporary ☐ Mobile			☐ Mobile
Item	Test Material /	Test Item /	Test Method /
Number	Product	Range of Testing	Technique Used
5	Vegetables and fruits	Pesticide residues	In - house method : TM-GC-073
(cont.)	- Dried fruits and	Organophosphorous group:	based on Journal AOAC 2003, Vol.86,
	Vegetables or high sugar	- Isazofos	No.2, P.412-431
	products	- Fenitrothion	
		- Fensulfothion	
		- Malathion	
		- Methamidophos	
		- Methidathion	
		- Mevinphos	
		- Monocrotophos	
		- Omethoate	
		- Parathion – ethyl	
		- Parathion – methyl	
		- Phenthoate	
		- Phorate	
		0.01 mg/kg to 0.10 mg/kg	

Initial Issue Date 19<sup>th</sup> May 2014

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# Scope of Laboratory Accreditation

Laboratory Name : Intertek Testing Services (Thailand) Ltd. – Food Services

Address : 888 MEC Building, 9<sup>th</sup> – 10<sup>th</sup> Floor, Debaratna Road, Bangna Tai,

Bangna, Bangkok 10260

Accreditation Number : Testing - 0111

Laboratory Status
: ☑ Permanent
☐ Site
☐ Temporary
☐ Mobile

Item
Test Material /
Test Item /
Test Method /

Item	Test Material /	Test Item /	Test Method /
Number	Product	Range of Testing	Technique Used
5	Vegetables and fruits	Pesticide residues	In - house method : TM-GC-073
(cont.)	- Dried fruits and	Organophosphorous group:	based on Journal AOAC 2003, Vol.86,
	Vegetables or high sugar	- Phosalone	No.2, P.412-431
	products	- Pirimiphos – ethyl	
		- Pirimiphos – methyl	
		- Profenofos	
		- Prothiophos	
		- Triazophos	
		- Tribufos	
		- Fenthion	
		- Phosphamidon	
		0.01 mg/kg to 0.10 mg/kg	
		- Chlorpyrifos	
		- Chlorpyrifos – methyl	
		0.008 mg/kg to 0.10 mg/kg	

Initial Issue Date 19<sup>th</sup> May 2014

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### Scope of Laboratory Accreditation

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Address : 888 MEC Building, 9<sup>th</sup> – 10<sup>th</sup> Floor, Debaratna Road, Bangna Tai,

Bangna, Bangkok 10260

Accreditation Number : Testing - 0111

: **☑** Permanent ☐ Site ☐ Temporary ☐ Mobile Laboratory Status Test Material / Test Item / Test Method / Item **Product** Number Range of Testing Technique Used Pesticide residues 5 Vegetables and fruits In - house method: TM-GC-073 (cont.) - Dried fruits and Other group: based on Journal AOAC 2003, Vol.86, Vegetables or high sugar - Acetochlor No.2, P.412-431 products - Alachlor - Atrazine - Edifenphos - Fipronil - Iprodione - Isoprothiolane - Oxadiazon - Pyridaben - Propiconazole - Norflurazon 0.01 mg/kg to 0.10 mg/kg

Initial Issue Date 19<sup>th</sup> May 2014

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### Scope of Laboratory Accreditation

☐ Temporary

☐ Mobile

Laboratory Name : Intertek Testing Services (Thailand) Ltd. – Food Services

Address : 888 MEC Building, 9<sup>th</sup> – 10<sup>th</sup> Floor, Debaratna Road, Bangna Tai,

☐ Site

- Escherichia coli

CFU/cm<sup>2</sup>, CFU/50 cm<sup>2</sup>

CFU/Unit, CFU/swab

Bangna, Bangkok 10260

: **☑** Permanent

Accreditation Number : Testing - 0111

Laboratory Status

Test Material / Test Item / Test Method / Item **Product** Number Range of Testing Technique Used 6 Swab test - Total plate count Compendium of Methods for the CFU/cm<sup>2</sup>, CFU/50 cm<sup>2</sup> Microbiological Examination of Foods (APHA), 5<sup>th</sup> ed., 2015, Chapter 3 CFU/Unit, CFU/swab - Yeasts and molds AOAC Official Methods of Analysis, CFU/cm<sup>2</sup>. CFU/50 cm<sup>2</sup> 22<sup>nd</sup> ed., 2023, method 2014.05 CFU/Unit, CFU/swab - Coliform AOAC Official Methods of Analysis, CFU/cm<sup>2</sup>, CFU/50 cm<sup>2</sup> 22<sup>nd</sup> ed., 2023, method 2018.13 CFU/Unit, CFU/swab

Initial Issue Date 19<sup>th</sup> May 2014

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# Scope of Laboratory Accreditation

Laboratory Name : Intertek Testing Services (Thailand) Ltd. – Food Services

Address : 888 MEC Building, 9<sup>th</sup> – 10<sup>th</sup> Floor, Debaratna Road, Bangna Tai,

Bangna, Bangkok 10260

Accreditation Number : Testing - 0111

Laboratory Status : ☑ Permanent ☐ Site ☐ Temporary ☐ Mobile

Laboratt	ory status . 🖸 Ferrila		□ Mobite
Item	Test Material /	Test Item /	Test Method /
Number	Product	Range of Testing	Technique Used
6	Swab test	- Salmonella spp.	AFNOR Validation, Certificate reference
(cont.)		Detected or not detected/cm <sup>2</sup>	No. UNI 03/07-11/13, With end of
		Detected or not detected/50 cm <sup>2</sup>	Validity, 4 <sup>th</sup> November-2025
		Detected or not detected/unit	
		Detected or not detected/swab	AOAC Official Methods of Analysis,
			22 <sup>nd</sup> ed., 2023, method 2016.01
		- Listeria monocytogenes	AOAC Official Methods of Analysis,
		Detected or not detected/cm <sup>2</sup>	22 <sup>nd</sup> ed., 2023, method 2021.05
		Detected or not detected/50 cm <sup>2</sup>	
		Detected or not detected/unit	AOAC Official Methods of Analysis,
		Detected or not detected/swab	22 <sup>nd</sup> ed., 2023, method 2016.08

Initial Issue Date 19<sup>th</sup> May 2014

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### Scope of Laboratory Accreditation

☐ Temporary

☐ Mobile

Test Method /

Laboratory Name : Intertek Testing Services (Thailand) Ltd. – Food Services

Address : 888 MEC Building, 9<sup>th</sup> – 10<sup>th</sup> Floor, Debaratna Road, Bangna Tai,

☐ Site

- Allergen Wheat

(Calculated as Gliadin)

0.50 µg/swab to 8.00 µg/swab

 $0.50 \, \mu \text{g}/100 \, \text{cm}^2 \, \text{to } 8.00 \, \mu \text{g}/100 \, \text{cm}^2$ 

Test Item /

Bangna, Bangkok 10260

: **P**ermanent

Accreditation Number : Testing - 0111

Test Material /

Laboratory Status

Item

**Product** Number Range of Testing Technique Used 6 Swab test AOAC Official Methods of Analysis, - Listeria spp. (cont.) Detected or not detected/cm<sup>2</sup> 22<sup>nd</sup> ed., 2023, method 2021.06 Detected or not detected/50 cm<sup>2</sup> Detected or not detected/unit AOAC Official Methods of Analysis, 22<sup>nd</sup> ed., 2023, method 2016.07 Detected or not detected/swab R-Biopharm RIDASCREEN Fast Gliadin Art. Allergen - Allergen Gluten No. R7001 (Calculated as Gliadin) 0.50 µg/swab to 8.00 µg/swab  $0.50 \, \mu \text{g}/100 \, \text{cm}^2 \, \text{to } 8.00 \, \mu \text{g}/100 \, \text{cm}^2$ 

Initial Issue Date 19<sup>th</sup> May 2014

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# Scope of Laboratory Accreditation

Laboratory Name : Intertek Testing Services (Thailand) Ltd. – Food Services

Address : 888 MEC Building, 9<sup>th</sup> – 10<sup>th</sup> Floor, Debaratna Road, Bangna Tai,

Bangna, Bangkok 10260

Accreditation Number : Testing - 0111

Laboratt	Dry Status . La Ferrita		Mobile
Item	Test Material /	Test Item /	Test Method /
Number	Product	Range of Testing	Technique Used
7	Ice	- Standard plate count	Standard Methods for the Examination
		CFU/mL	of Water and Wastewater APHA,
			AWWA & WEF, 24 <sup>th</sup> ed., 2023,
			part 9215 B
		- Coliforms	Standard Methods for the Examination
		MPN/100 mL	of Water and Wastewater APHA,
			AWWA & WEF, 24 <sup>th</sup> ed., 2023,
			part 9221 B
		- Escherichia coli	Standard Methods for the Examination
		MPN/100 mL	of Water and Wastewater APHA,
			AWWA & WEF, 24 <sup>th</sup> ed., 2023,
			part 9221 B, G

Initial Issue Date 19<sup>th</sup> May 2014

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# Scope of Laboratory Accreditation

Laboratory Name : Intertek Testing Services (Thailand) Ltd. – Food Services

Address : 888 MEC Building, 9<sup>th</sup> – 10<sup>th</sup> Floor, Debaratna Road, Bangna Tai,

Bangna, Bangkok 10260

Accreditation Number : Testing - 0111

Laboratory Status : ☑ Permanent ☐ Site ☐ Temporary ☐ Mobile

Item	Test Material /	Test Item /	Test Method /
Number	Product	Range of Testing	Technique Used
7	Ice	- Escherichia coli	Standard Methods for the Examination
(cont.)		Detected or not detected/100 mL	of Water and Wastewater APHA,
			AWWA & WEF, 24 <sup>th</sup> ed., 2023,
			part 9221 D,F
		- Staphylococcus aureus	In - house method : TM-MIC-013
		Detected or not detected/100 mL	based on Standard Methods for the
			Examination of Water and Wastewater
			APHA, AWWA & WEF, 24 <sup>th</sup> ed., 2023,
			part 9213 B
		- Salmonella spp.	ISO 19250 : 2010
		Detected or not detected/100 mL	

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# Scope of Laboratory Accreditation

Laboratory Name : Intertek Testing Services (Thailand) Ltd. – Food Services

Address : 888 MEC Building, 9<sup>th</sup> – 10<sup>th</sup> Floor, Debaratna Road, Bangna Tai,

Bangna, Bangkok 10260

Accreditation Number : Testing - 0111

Laboratory Status :  $oxed{oldsymbol{\square}}$  Permanent  $oxed{\Box}$  Site  $oxed{\Box}$  Temporary  $oxed{\Box}$  Mobile

Laborate	bry status . 🗀 Territa		☐ MODICE
Item	Test Material /	Test Item /	Test Method /
Number	Product	Range of Testing	Technique Used
7	Ice	- Clostridium perfringens	Standing Committee of Analysts,
(cont.)		Detected or not detected/100 mL	Environment Agency, 2021, part 6
		- Color	In - house method : TM-PM-107
		5 CU to 100 CU	based on Standard Method for the
			Examination of Water and Wastewater
			APHA, AWWA & WEF, 24 <sup>th</sup> ed., 2023,
			part 2120 C
		- pH	In - house method : TM-PM-109
		4.0 to 10.0	based on Standard Method for the
			Examination of Water and Wastewater
			APHA, AWWA & WEF, 24 <sup>th</sup> ed., 2023,
			part 4500-H <sup>+</sup> B

Initial Issue Date 19<sup>th</sup> May 2014

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# Scope of Laboratory Accreditation

Laboratory Name : Intertek Testing Services (Thailand) Ltd. – Food Services

Address : 888 MEC Building, 9<sup>th</sup> – 10<sup>th</sup> Floor, Debaratna Road, Bangna Tai,

Bangna, Bangkok 10260

Accreditation Number : Testing - 0111

Laboratory Status : ☑ Permanent ☐ Site ☐ Temporary ☐ Mobile

Item	Test Material /	Test Item /	Test Method /
Number	Product	Range of Testing	Technique Used
7	Ice	- Turbidity	Standard Method for the Examination
(cont.)		0.1 NTU to 4 000 NTU	of Water and Wastewater APHA,
			AWWA & WEF, 24 <sup>th</sup> ed., 2023,
			part 2130 B
		- Total solids	Standard Method for the Examination
		dried from 103 $^{\circ}$ C to 105 $^{\circ}$ C	of Water and Wastewater APHA,
		25 mg/L to 1 000 mg/L	AWWA & WEF, 24 <sup>th</sup> ed., 2023,
			part 2540 B
		- Total hardness	Standard Method for the Examination
		(Calculated as CaCO <sub>3</sub> )	of Water and Wastewater APHA,
		10 mg/L to 500 mg/L	AWWA & WEF, 24 <sup>th</sup> ed., 2023,
			part 2340 C

Initial Issue Date 19<sup>th</sup> May 2014

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### Scope of Laboratory Accreditation

☐ Temporary

☐ Mobile

Test Method /

: Intertek Testing Services (Thailand) Ltd. – Food Services Laboratory Name

: 888 MEC Building, 9<sup>th</sup> – 10<sup>th</sup> Floor, Debaratna Road, Bangna Tai, Address

☐ Site

0.40 mg/L to 1.6 mg/L

Bangna, Bangkok 10260

: **☑** Permanent

Accreditation Number : Testing - 0111

Test Material /

Laboratory Status

Item

Test Item / **Product** Number Range of Testing Technique Used 7 - Chloride Standard Method for the Examination Ice (cont.) (Calculated as chlorine) of Water and Wastewater APHA, AWWA & WEF, 24<sup>th</sup> ed., 2023, 15 mg/L to 100 mg/L part 4500-Cl B - Cyanide Standard Method for the Examination 0.10 mg/L to 0.50 mg/L of Water and Wastewater APHA, AWWA & WEF, 24<sup>th</sup> ed., 2023, part 4500 CN C, E - Fluoride In - house method: TM-PM-113 (Calculated as fluorine) based on Standard Method for the

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Examination of Water and Wastewater

AWWA & WEF, 24<sup>th</sup> ed., 2023,

part 4500-F D

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### Scope of Laboratory Accreditation

Laboratory Name : Intertek Testing Services (Thailand) Ltd. – Food Services

Address : 888 MEC Building, 9<sup>th</sup> – 10<sup>th</sup> Floor, Debaratna Road, Bangna Tai,

Bangna, Bangkok 10260

Accreditation Number : Testing - 0111

: **P**ermanent ☐ Site ☐ Temporary ☐ Mobile Laboratory Status Test Material / Test Item / Test Method / Item **Product** Number Range of Testing Technique Used In - house method: TM-PM-114 Ice - Nitrate (cont.) (Calculated as nitrogen) based on Standard Method for the 0.15 mg/L to 10 mg/L Examination of Water and Wastewater APHA, AWWA & WEF, 24<sup>th</sup> ed., 2023, - Nitrate part 4500-NO<sub>3</sub> A, B 0.66 mg/L to 44 mg/L - Phenol Standard Method for the Examination 0.001 mg/L to 0.1 mg/L of Water and Wastewater APHA, AWWA & WEF, 24<sup>th</sup> ed., 2023. part 5530 B, C Standard Method for the Examination - Sulfate 5 mg/L to 40 mg/L of Water and Wastewater APHA. AWWA & WEF, 24<sup>th</sup> ed., 2023, part 4500 SO<sub>4</sub><sup>2-</sup> E

Initial Issue Date 19<sup>th</sup> May 2014

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# Scope of Laboratory Accreditation

Laboratory Name : Intertek Testing Services (Thailand) Ltd. – Food Services

Address : 888 MEC Building, 9<sup>th</sup> – 10<sup>th</sup> Floor, Debaratna Road, Bangna Tai,

Bangna, Bangkok 10260

Accreditation Number : Testing - 0111

Laboratory Status :  $oxed{oldsymbol{\square}}$  Permanent  $oxed{\Box}$  Site  $oxed{\Box}$  Temporary  $oxed{\Box}$  Mobile

Item	Test Material /	Test Item /	Test Method /
Number	Product	Range of Testing	Technique Used
7	Ice	- Free chlorine	Standard Method for the Examination
(cont.)		0.050 mg/L to 4.0 mg/L	of Water and Wastewater APHA,
			AWWA & WEF, 24 <sup>th</sup> ed., 2023,
			part 4500-Cl G
		- MBAS	In - house method : TM-PM-117
		(Calculated as LAS, MW = 348.5)	based on Standard Method for the
		(Calculated as ABS, MW = 326.5)	Examination of Water and Wastewater,
		0.10 mg/L to 2.0 mg/L	APHA, AWWA & WEF, 24 <sup>th</sup> ed., 2023,
			part 5540 C
		- Odor	In - house method : TM-PM-108
		Odor or odorless	based on Standard Method for the
			Examination of Water and Wastewater
			APHA, AWWA & WEF, 24 <sup>th</sup> ed., 2023,
			part 2150 B

Initial Issue Date 19<sup>th</sup> May 2014

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### Scope of Laboratory Accreditation

☐ Temporary

☐ Mobile

part 3125 B

Test Method /

Laboratory Name : Intertek Testing Services (Thailand) Ltd. – Food Services

Address : 888 MEC Building, 9<sup>th</sup> – 10<sup>th</sup> Floor, Debaratna Road, Bangna Tai,

- Barium

- Cadmium

- Chromium

- Aluminum

- Copper

☐ Site

0.01 mg/L to 0.5 mg/L

0.001 mg/L to 0.05 mg/L

0.01 mg/L to 0.5 mg/L

0.01 mg/L to 0.5 mg/L

0.01 mg/L to 0.5 mg/L

Bangna, Bangkok 10260

: **☑** Permanent

Accreditation Number : Testing - 0111

Test Material /

Laboratory Status

Item

Number Product Range of Testing Technique Used

7 Ice - Mercury In - house method : TM-HM-074

(cont.) 0.001 mg/L to 0.010 mg/L based on Standard Method for the

- Beryllium Examination of Water and Wastewater

0.001 mg/L to 0.05 mg/L APHA, AWWA & WEF, 24<sup>th</sup> ed., 2023,

Test Item /

Initial Issue Date 19<sup>th</sup> May 2014

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# Scope of Laboratory Accreditation

Laboratory Name : Intertek Testing Services (Thailand) Ltd. – Food Services

Address : 888 MEC Building, 9<sup>th</sup> – 10<sup>th</sup> Floor, Debaratna Road, Bangna Tai,

Bangna, Bangkok 10260

Accreditation Number : Testing - 0111

Laboratory Status : ☑ Permanent ☐ Site ☐ Temporary ☐ Mobile

Item	Test Material /	Test Item /	Test Method /
Number	Product	Range of Testing	Technique Used
7	Ice	- Iron	In - house method : TM-HM-074
(cont.)		0.01 mg/L to 0.5 mg/L	based on Standard Method for the
		- Lead	Examination of Water and Wastewater
		0.01 mg/L to 0.5 mg/L	APHA, AWWA & WEF, 24 <sup>th</sup> ed., 2023,
		- Manganese	part 3125 B
		0.01 mg/L to 0.5 mg/L	
		- Nickel	
		0.01 mg/L to 0.5 mg/L	
		- Selenium	
		0.01 mg/L to 0.5 mg/L	
		- Silver	
		0.01 mg/L to 0.5 mg/L	
		- Zinc	
		0.01 mg/L to 0.5 mg/L	
		- Arsenic	
		0.001 mg/L to 0.05 mg/L	

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# Scope of Laboratory Accreditation

Laboratory Name : Intertek Testing Services (Thailand) Ltd. – Food Services

Address : 888 MEC Building, 9<sup>th</sup> – 10<sup>th</sup> Floor, Debaratna Road, Bangna Tai,

Bangna, Bangkok 10260

Accreditation Number : Testing - 0111

Laboratory Status :  $oxed{oldsymbol{\square}}$  Permanent  $oxed{\Box}$  Site  $oxed{\Box}$  Temporary  $oxed{\Box}$  Mobile

Item	Test Material /	Test Item /	Test Method /
Number	Product	Range of Testing	Technique Used
7	Ice	- Strontium	In - house method : TM-HM-074
(cont.)		0.01 mg/L to 0.5 mg/L	based on Standard Method for the
		- Thallium	Examination of Water and Wastewater
		0.001 mg/L to 0.05 mg/L	APHA, AWWA & WEF, 24 <sup>th</sup> ed., 2023,
			part 3125 B
8	Water	- Standard plate count	Standard Methods for the Examination
		CFU/mL	of Water and Wastewater APHA,
			AWWA & WEF, 24 <sup>th</sup> ed., 2023,
			part 9215 B
		- Coliforms	Standard Methods for the Examination
		MPN/100 mL	of Water and Wastewater APHA,
			AWWA & WEF, 24 <sup>th</sup> ed., 2023,
			part 9221 B

Initial Issue Date 19<sup>th</sup> May 2014

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# Scope of Laboratory Accreditation

Laboratory Name : Intertek Testing Services (Thailand) Ltd. – Food Services

Address : 888 MEC Building, 9<sup>th</sup> – 10<sup>th</sup> Floor, Debaratna Road, Bangna Tai,

Bangna, Bangkok 10260

Accreditation Number : Testing - 0111

Laboratory Status : ☑ Permanent ☐ Site ☐ Temporary ☐ Mobile

Item	Test Material /	Test Item /	Test Method /
Number	Product	Range of Testing	Technique Used
8	Water	- Escherichia coli	Standard Methods for the Examination
(cont.)		MPN/100 mL	of Water and Wastewater APHA,
			AWWA & WEF, 24 <sup>th</sup> ed., 2023,
			part 9221 B, G
		- Escherichia coli	Standard Methods for the Examination
		Detected or not detected/100 mL	of Water and Wastewater APHA,
			AWWA & WEF, 24 <sup>th</sup> ed., 2023,
			part 9221 D, F
		- Staphylococcus aureus	In - house method : TM-MIC-013
		Detected or not detected/100 mL	based on Standard Methods for the
			Examination of Water and Wastewater
			APHA, AWWA & WEF, 24 <sup>th</sup> ed., 2023,
			part 9213 B

Initial Issue Date 19<sup>th</sup> May 2014

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Bureau of Laboratory Accreditation, Department of Science Service, Ministry of Higher Education, Science, Research and Innovation

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# Scope of Laboratory Accreditation

Laboratory Name : Intertek Testing Services (Thailand) Ltd. – Food Services

Address : 888 MEC Building, 9<sup>th</sup> – 10<sup>th</sup> Floor, Debaratna Road, Bangna Tai,

Bangna, Bangkok 10260

Accreditation Number : Testing - 0111

Laboratory Status :  $oxed{oldsymbol{\square}}$  Permanent  $oxed{\Box}$  Site  $oxed{\Box}$  Temporary  $oxed{\Box}$  Mobile

	bry status . 🖭 Feiria	remporary	I Mobile
Item	Test Material /	Test Item /	Test Method /
Number	Product	Range of Testing	Technique Used
8	Water	- Salmonella spp.	ISO 19250 : 2010
(cont.)		Detected or not detected/100 mL	
		- Clostridium perfringens	Standing Committee of Analysts,
		Detected or not detected/100 mL	Environment Agency, 2021, part 6
		- Color	In - house method : TM-PM-107
		5 CU to 100 CU	based on Standard Method for the
			Examination of Water and Wastewater
			APHA, AWWA & WEF, 24 <sup>th</sup> ed., 2023,
			part 2120 C
		- рН	In - house method : TM-PM-109
		4.0 to 10.0	based on Standard Method for the
			Examination of Water and Wastewater
			APHA, AWWA & WEF, 24 <sup>th</sup> ed., 2023,
			part 4500-H <sup>+</sup> B

Initial Issue Date 19<sup>th</sup> May 2014

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# Scope of Laboratory Accreditation

Laboratory Name : Intertek Testing Services (Thailand) Ltd. – Food Services

Address : 888 MEC Building, 9<sup>th</sup> – 10<sup>th</sup> Floor, Debaratna Road, Bangna Tai,

Bangna, Bangkok 10260

Accreditation Number : Testing - 0111

Laboratory Status : ☑ Permanent ☐ Site ☐ Temporary ☐ Mobile

Item	Test Material /	Test Item /	Test Method /
Number	Product	Range of Testing	Technique Used
8	Water	- Turbidity	Standard Methods for the Examination
(cont.)		0.1 NTU to 4 000 NTU	of Water and Wastewater APHA,
			AWWA & WEF, 24 <sup>th</sup> ed., 2023,
			part 2130 B
		- Total solids	Standard Methods for the Examination
		dried from 103 °C to 105 °C	of Water and Wastewater APHA,
		25 mg/L to 1 000 mg/L	AWWA & WEF, 24 <sup>th</sup> ed., 2023,
			part 2540 B
		- Total hardness	Standard Methods for the Examination
		(Calculated as CaCO <sub>3</sub> )	of Water and Wastewater APHA,
		10 mg/L to 500 mg/L	AWWA & WEF, 24 <sup>th</sup> ed., 2023,
			part 2340 C

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# Scope of Laboratory Accreditation

Laboratory Name : Intertek Testing Services (Thailand) Ltd. – Food Services

Address : 888 MEC Building, 9<sup>th</sup> – 10<sup>th</sup> Floor, Debaratna Road, Bangna Tai,

Bangna, Bangkok 10260

Accreditation Number : Testing - 0111

Laboratory Status : lacktriangledown Permanent  $\Box$  Site  $\Box$  Temporary  $\Box$  Mobile

Item	Test Material /	Test Item /	Test Method /
Number	Product	Range of Testing	Technique Used
8	Water	- Chloride	Standard Methods for the Examination
(cont.)		(Calculated as chlorine)	of Water and Wastewater APHA,
		15 mg/L to 100 mg/L	AWWA & WEF, 24 <sup>th</sup> ed., 2023,
			part 4500 - Cl B
		- Cyanide	Standard Methods for the Examination
		0.10 mg/L to 0.50 mg/L	of Water and Wastewater APHA,
			AWWA & WEF, 24 <sup>th</sup> ed., 2023,
			part 4500 CN C,E
		- Fluoride	In - house method : TM-PM-113
		(Calculated as fluorine)	based on Standard Method for the
		0.40 mg/L to 1.6 mg/L	Examination of Water and Wastewater
			AWWA & WEF, 24 <sup>th</sup> ed., 2023,
			part 4500-F D

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# Scope of Laboratory Accreditation

Laboratory Name : Intertek Testing Services (Thailand) Ltd. – Food Services

Address : 888 MEC Building, 9<sup>th</sup> – 10<sup>th</sup> Floor, Debaratna Road, Bangna Tai,

Bangna, Bangkok 10260

Accreditation Number : Testing - 0111

Laboratory Status
: ✓ Permanent
☐ Site
☐ Temporary
☐ Mobile

Test Material / Test Material / Test Item / T

Item	Test Material /	Test Item /	Test Method /
Number	Product	Range of Testing	Technique Used
8	Water	- Nitrate	In - house method : TM-PM-114
(cont.)		(Calculated as nitrogen)	based on Standard Method for the
		0.15 mg/L to 10 mg/L	Examination of Water and Wastewater
			APHA, AWWA & WEF, 24 <sup>th</sup> ed., 2023,
		- Nitrate	part 4500-NO <sub>3</sub> A, B
		0.66 mg/L to 44 mg/L	
		- Phenol	Standard Methods for the Examination
		0.001 mg/L to 0.1 mg/L	of Water and Wastewater APHA,
			AWWA & WEF, 24 <sup>th</sup> ed., 2023,
			part 5530 B, C
		- Sulfate	Standard Methods for the Examination
		5 mg/L to 40 mg/L	of Water and Wastewater APHA,
			AWWA & WEF, 24 <sup>th</sup> ed., 2023,
			part 4500 SO <sub>4</sub> <sup>2-</sup> E

Initial Issue Date 19<sup>th</sup> May 2014

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# Scope of Laboratory Accreditation

Laboratory Name : Intertek Testing Services (Thailand) Ltd. – Food Services

Address : 888 MEC Building, 9<sup>th</sup> – 10<sup>th</sup> Floor, Debaratna Road, Bangna Tai,

Bangna, Bangkok 10260

Accreditation Number : Testing - 0111

Laboratory Status : ☑ Permanent ☐ Site ☐ Temporary ☐ Mobile

Item	Test Material /	Test Item /	Test Method /
Number	Product	Range of Testing	Technique Used
8	Water	- Free chlorine	Standard Methods for the Examination
(cont.)		0.050 mg/L to 4.0 mg/L	of Water and Wastewater APHA,
			AWWA & WEF, 24 <sup>th</sup> ed., 2023,
			part 4500-Cl G
		- MBAS	In - house method : TM-PM-117
		(Calculated as LAS, MW = 348.5)	based on Standard Method for the
		(Calculated as ABS, MW = 326.5)	Examination of Water and Wastewater,
		0.10 mg/L to 2.0 mg/L	APHA, AWWA & WEF, 24 <sup>th</sup> ed., 2023,
			part 5540 C
		- Odor	In - house method : TM-PM-108
		Odor or odorless	based on Standard Method for the
			Examination of Water and Wastewater,
			APHA, AWWA & WEF, 24 <sup>th</sup> ed., 2023,
			part 2150 B

Initial Issue Date 19<sup>th</sup> May 2014

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# Scope of Laboratory Accreditation

Laboratory Name : Intertek Testing Services (Thailand) Ltd. – Food Services

Address : 888 MEC Building, 9<sup>th</sup> – 10<sup>th</sup> Floor, Debaratna Road, Bangna Tai,

Bangna, Bangkok 10260

Accreditation Number : Testing - 0111

Laboratory Status :  $oxed{oldsymbol{\square}}$  Permanent  $oxed{\Box}$  Site  $oxed{\Box}$  Temporary  $oxed{\Box}$  Mobile

Item	Test Material /	Test Item /	Test Method /
Number	Product	Range of Testing	Technique Used
8	Water	- Mercury	In - house method : TM-HM-074
(cont.)		0.001 mg/L to 0.010 mg/L	based on Standard Method for the
		- Beryllium	Examination of Water and Wastewater
		0.001 mg/L to 0.05 mg/L	APHA, AWWA & WEF, 24 <sup>th</sup> ed., 2023,
		- Barium	part 3125 B
		0.01 mg/L to 0.5 mg/L	
		- Cadmium	
		0.001 mg/L to 0.05 mg/L	
		- Chromium	
		0.01 mg/L to 0.5 mg/L	
		- Aluminum	
		0.01 mg/L to 0.5 mg/L	
		- Copper	
		0.01 mg/L to 0.5 mg/L	

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# Scope of Laboratory Accreditation

Laboratory Name : Intertek Testing Services (Thailand) Ltd. – Food Services

Address : 888 MEC Building, 9<sup>th</sup> – 10<sup>th</sup> Floor, Debaratna Road, Bangna Tai,

Bangna, Bangkok 10260

Accreditation Number : Testing - 0111

Laboratory Status :  $oxed{oldsymbol{\square}}$  Permanent  $oxed{\Box}$  Site  $oxed{\Box}$  Temporary  $oxed{\Box}$  Mobile

Item	Test Material /	Test Item /	Test Method /
Number	Product	Range of Testing	Technique Used
8	Water	- Iron	In - house method : TM-HM-074
(cont.)		0.01 mg/L to 0.5 mg/L	based on Standard Method for the
		- Lead	Examination of Water and Wastewater
		0.01 mg/L to 0.5 mg/L	APHA, AWWA & WEF, 24 <sup>th</sup> ed., 2023,
		- Manganese	part 3125 B
		0.01 mg/L to 0.5 mg/L	
		- Nickel	
		0.01 mg/L to 0.5 mg/L	
		- Selenium	
		0.01 mg/L to 0.5 mg/L	
		- Silver	
		0.01 mg/L to 0.5 mg/L	
		- Zinc	
		0.01 mg/L to 0.5 mg/L	
		- Arsenic	
		0.001 mg/L to 0.05 mg/L	

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### Scope of Laboratory Accreditation

☐ Temporary

☐ Mobile

Test Method /

Laboratory Name : Intertek Testing Services (Thailand) Ltd. – Food Services

Address : 888 MEC Building, 9<sup>th</sup> – 10<sup>th</sup> Floor, Debaratna Road, Bangna Tai,

☐ Site

Bangna, Bangkok 10260

: **☑** Permanent

Accreditation Number : Testing - 0111

Test Material /

Laboratory Status

Item

**Product** Number Range of Testing Technique Used 8 - Strontium In - house method: TM-HM-074 Water (cont.) 0.01 mg/L to 0.5 mg/L based on Standard Method for the - Thallium Examination of Water and Wastewater APHA, AWWA & WEF, 24<sup>th</sup> ed., 2023, 0.001 mg/L to 0.05 mg/L part 3125 B 9 Dairy products In - house method: TM-PM-147 - Fat based on AOAC Official Methods of - Milk fat Analysis, 22<sup>nd</sup> ed., 2023, method 922.06, - Butter fat

0.05 g/100 g to 89.27 g/100 g

Test Item /

Initial Issue Date 19<sup>th</sup> May 2014

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933.05, 938.06, 952.06, 989.05, 995.19

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# Scope of Laboratory Accreditation

Laboratory Name : Intertek Testing Services (Thailand) Ltd. – Food Services

Address : 888 MEC Building, 9<sup>th</sup> – 10<sup>th</sup> Floor, Debaratna Road, Bangna Tai,

Bangna, Bangkok 10260

Accreditation Number : Testing - 0111

Laboratory Status : ✓ Permanent ☐ Site ☐ Temporary ☐ Mobile

Item	Test Material /	Test Item /	Test Method /
Number	Product	Range of Testing	Technique Used
9	Dairy products	- Lead	In - house method : TM-HM-119
(cont.)		0.01 mg/kg to 2.50 mg/kg	based on AOAC Official Methods of
		- Arsenic	Analysis, 22 <sup>nd</sup> ed., 2023, method 2015.01
		0.03 mg/kg to 2.50 mg/kg	
		- Cadmium	
		0.03 mg/kg to 2.50 mg/kg	
			1 1 74 04 470
		- Total solid	In - house method : TM-PM-179
		7.31 g/100 g to 98.26 g/100 g	based on AOAC Official Methods of
			Analysis, 22 <sup>nd</sup> ed., 2023, method 990.20
		- Milk solid non fat	AOAC Official Methods of Analysis,
		(by calculation)	22 <sup>nd</sup> ed., 2023, method 990.21
		- Acidity	In - house method : TM-PM-020
		(as lactic acid)	based on AOAC Official Methods of
		0.089 g/100 g to 1.233 g/100 g	Analysis, 22 <sup>nd</sup> ed., 2023, method 947.05

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# Scope of Laboratory Accreditation

Laboratory Name : Intertek Testing Services (Thailand) Ltd. – Food Services

Address : 888 MEC Building, 9<sup>th</sup> – 10<sup>th</sup> Floor, Debaratna Road, Bangna Tai,

Bangna, Bangkok 10260

Accreditation Number : Testing - 0111

Laboratory Status : ☑ Permanent ☐ Site ☐ Temporary ☐ Mobile

Item	Test Material /	Test Item /	Test Method /
Number	Product	Range of Testing	Technique Used
9	Dairy products	Allergen	R-Biopharm RIDASCREEN Fast Gliadin Art.
(cont.)		- Allergen gluten	No.: R7001
		(Calculate as Gliadin)	
		5.00 mg/kg to 80.00 mg/kg	
		5.00 mg/L to 80.00 mg/L	
		- Allergen wheat	
		(Calculate as Gliadin)	
		5.00 mg/kg to 80.00 mg/kg	
		5.00 mg/L to 80.00 mg/L	
		- Aflatoxin-M1	In - house method : TM-LC-212
		0.01 µg/kg to 3.00 µg/kg	based on AOAC official Methods of
			Analysis, 22 <sup>nd</sup> ed., 2023,
			method 2000.08

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# Scope of Laboratory Accreditation

Laboratory Name : Intertek Testing Services (Thailand) Ltd. – Food Services

Address : 888 MEC Building, 9<sup>th</sup> – 10<sup>th</sup> Floor, Debaratna Road, Bangna Tai,

Bangna, Bangkok 10260

Accreditation Number : Testing - 0111

Laboratory Status :  $oxed{oldsymbol{\square}}$  Permanent  $oxed{\Box}$  Site  $oxed{\Box}$  Temporary  $oxed{\Box}$  Mobile

Item	Test Material /	Test Item /	Test Method /
Number	Product	Range of Testing	Technique Used
9	Dairy products	Melamine group	In - house method : TM-GC-169
(cont.)		- Melamine	based on USFDA Laboratory Information
		- Cyanuric acid	Bulletin No. 4423, Vol. 24, October 2008
		- Ammeline	
		- Ammelide	
		0.50 mg/kg to 5.00 mg/kg	
10	Supplement food	- Arsenic	In - house method : TM-HM-226
		0.03 mg/kg to 2.50 mg/kg	based on The United States
		- Cadmium	Pharmacopeia, 2018, USP 41, NF 36
		0.03 mg/kg to 2.50 mg/kg	
		- Lead	
		0.03 mg/kg to 2.50 mg/kg	
		- Mercury	
		0.02 mg/kg to 0.50 mg/kg	

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# Scope of Laboratory Accreditation

Laboratory Name : Intertek Testing Services (Thailand) Ltd. – Food Services

Address : 888 MEC Building, 9<sup>th</sup> – 10<sup>th</sup> Floor, Debaratna Road, Bangna Tai,

Bangna, Bangkok 10260

Accreditation Number : Testing - 0111

Laboratory Status :  $oxed{fill}$  Permanent  $oxed{\Box}$  Site  $oxed{\Box}$  Temporary  $oxed{\Box}$  Mobile

Item	Test Material /	Test Item /	Test Method /
Number	Product	Range of Testing	Technique Used
10	Supplement food	- Copper	In - house method : TM-HM-226
(cont.)		0.50 mg/kg to 25.00 mg/kg	based on The United States
		- Zinc	Pharmacopeia, 2018, USP 41, NF 36
		0.50 mg/kg to 25.00 mg/kg	
		- Tin	
		0.50 mg/kg to 25.00 mg/kg	
11	Beverage and products	Synthetic color	In - house method : TM-LC-063
		- Allura red	based on Journal of Talanta 74 (2008)
		- Amaranth	P. 1408-1413
		- Brilliant black	
		- Brilliant blue FCF	
		(eriglaucine disodium salt)	
		- Carmonisine (chromotrope FB)	
		0.10 mg/kg to 10.00 mg/kg	
		0.10 mg/mL to 10.00 mg/mL	

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# Scope of Laboratory Accreditation

Laboratory Name : Intertek Testing Services (Thailand) Ltd. – Food Services

Address : 888 MEC Building, 9<sup>th</sup> – 10<sup>th</sup> Floor, Debaratna Road, Bangna Tai,

Bangna, Bangkok 10260

Accreditation Number : Testing - 0111

Laboratory Status : lackimes Permanent lackimes Site lackimes Temporary lackimes Mobile

Item	Test Material /	Test Item /	Test Method /
Number	Product	Range of Testing	Technique Used
11	Beverage and products	Synthetic color	In - house method : TM-LC-063
(cont.)		- Erythrosine	based on Journal of Talanta 74 (2008)
		- Fast green FCF	P. 1408-1413
		- indigo camrmine	
		- Ponceau 4R	
		- Quinoline yellow	
		- Sunset yellow FCF	
		- Tartrazine	
		- Acid green 50	
		- Acid red 2G	
		- Patent blue	
		0.10 mg/kg to 10.00 mg/kg	
		0.10 mg/mL to 10.00 mg/mL	

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### Scope of Laboratory Accreditation

☐ Temporary

☐ Mobile

Test Method /

Laboratory Name : Intertek Testing Services (Thailand) Ltd. – Food Services

Address : 888 MEC Building, 9<sup>th</sup> – 10<sup>th</sup> Floor, Debaratna Road, Bangna Tai,

☐ Site

Test Item /

Bangna, Bangkok 10260

: **☑** Permanent

Accreditation Number : Testing - 0111

Test Material /

Laboratory Status

Item

**Product** Number Range of Testing Technique Used 12 Canned food - Mesophilic aerobic bacteria Compendium of Method for the Detected or not detected/2 mL Microbiological Examination of Foods (APHA), 5<sup>th</sup> ed., 2015, Chapter 61-62 Detected or not detected/2 g - Thermophilic aerobic bacteria Detected or not detected/2 mL Detected or not detected/2 g - Mesophilic anaerobic bacteria Detected or not detected/2 mL

Detected or not detected/2 g

- Thermophilic anaerobic bacteria

Detected or not detected/2 mL

Detected or not detected/2 g

Initial Issue Date 19<sup>th</sup> May 2014

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### Scope of Laboratory Accreditation

☐ Temporary

☐ Mobile

Test Method /

Laboratory Name : Intertek Testing Services (Thailand) Ltd. – Food Services

Address : 888 MEC Building, 9<sup>th</sup> – 10<sup>th</sup> Floor, Debaratna Road, Bangna Tai,

☐ Site

Test Item /

Bangna, Bangkok 10260

: **☑** Permanent

Accreditation Number : Testing - 0111

Test Material /

Laboratory Status

Item

**Product** Number Range of Testing Technique Used 12 Canned food - Facultative anaerobic bacteria Compendium of Method for the (cont.) Detected or not detected/2 mL Microbiological Examination of Foods (APHA), 5<sup>th</sup> ed., 2015, Chapter 61-62 Detected or not detected/2 g - Mesophilic flat sour bacteria Detected or not detected/2 mL Detected or not detected/2 g - Thermophilic flat sour bacteria Detected or not detected/2 mL Detected or not detected/2 g

- Thermophilic spoilage bacteria

Detected or not detected/2 mL

Detected or not detected/2 g

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# Scope of Laboratory Accreditation

Laboratory Name : Intertek Testing Services (Thailand) Ltd. – Food Services

Address : 888 MEC Building, 9<sup>th</sup> – 10<sup>th</sup> Floor, Debaratna Road, Bangna Tai,

Bangna, Bangkok 10260

Accreditation Number : Testing - 0111

Laboratory Status	: 🗹 Permanent	☐ Site	☐ Temporary	☐ Mobile
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Item	Test Material /	Test Item /	Test Method /
Number	Product	Range of Testing	Technique Used
12	Canned food	- Aciduric spoilage bacteria	Compendium of Method for the
(cont.)		Detected or not detected/2 mL	Microbiological Examination of Foods
		Detected or not detected/2 g	(APHA), 5 <sup>th</sup> ed., 2015, Chapter 61-62
		- Sulfide spoilage bacteria	
		Detected or not detected/2 mL	
		Detected or not detected/2 g	

Issue Date: 2<sup>nd</sup> January 2024

Signature :

(Mrs. Chantarat Vorasapavit)

Director of Bureau of Laboratory Accreditation

Initial Issue Date 19<sup>th</sup> May 2014 Issue Number 11

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