Department of Livestock Development
Ministry of Agriculture and Cooperatives

This is to certify that

CENTRAL LABORATORY (THAILAND) CO., Ltd. Bangkok Branch

2179 Phaholyothin Road., Lat Yao, Chatuchak, Bangkok, 10900 Thailand.

Has been designated as livestock products analysis laboratory by Department of Livestock Development

Registered Testing Scopes are as follows

Designation code 024-54(1)/13-2567

Date of issue 19 July 2024

Valid until 18 July 2027

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(DR.UDOM CHUACHAN, DVM.)
DIRECTOR OF BUREAU OF QUALITY CONTROL
OF LIVESTOCK PRODUCTS



Registration of Testing Scope for designation on Livestock products analysis by Department of Livestock Development

Name of Laboratory : CENTRAL LABORATORY (THAILAND) CO., Ltd. Bangkok Branch

Address : 2179 Phaholyothin Road, Lat Yao, Chatuchak, Bangkok, 10900 Thailand.

Designation Code : 024-54(1)/13-2567

Type of Sample	Test	Method
1. Food*	Aerobic Plate Count (Total Plate Count) (CFU)	AOAC (2023) 990.12
		FDA BAM *Online*, 2001 (Chapter 3)
		ISO 4833-1:2013/Amd.1:2022
	Coliforms (CFU)	AOAC (2023) 991.14
	Escherichia coli (CFU)	
	Coliforms (MPN)	FDA BAM *Online*, 2020 (Chapter 4)
	Escherichia coli (MPN)	
	Staphylococcus aureus (CFU)	AOAC (2023) 2003.07
		AOAC (2023) 2003.08
		AOAC (2023) 2003.11
	Staphylococcus aureus (MPN)	FDA BAM *Online*, 2016 (Chapter 12)
	Clostridium perfringens (CFU, Detected or not detected)	FDA BAM *Online*, 2001 (Chapter 16)
	Fecal streptococci (CFU) Enterococci (CFU)	Compendium of Methods for the Microbiological Examination of Foods (APHA), 5th Edition, 2015, Chapter 10
	Salmonella spp. (Detected or not detected)	ISO 6579-1:2017/Amd.1:2020

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Valid until : 18 July 2027

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(DR.JIRAPUS INTRSOOK, DVM.)

DIRECTOR OF BUREAU OF QUALITY CONTROL OF LIVESTOCK PRODUCTS

Revision No. 01

Date Revised 24 July 2026



Registration of Testing Scope for designation on Livestock products analysis

by Department of Livestock Development

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Type of Sample	Test	Method
1. Food* (Continued)	Yeasts and Molds (CFU)	AOAC (2023) 997.02
		Compendium of Methods for the Microbiological Examination of Foods (APHA), 5th Edition, 2015, Chapter 21
	Listeria monocytogenes (Detected or not detected)	ISO 11290-1:2017
	Enterobacteriaceae (CFU)	AOAC (2023) 2003.01
	Salmonella spp. (Screening method) (Detected or not detected)	AOAC (2023) 2016.01
	Salmonella spp. (Confirmation method) (Detected or not detected)	AOAC (2023) 2016.01 and confirmed by ISO 6579-1:2017/Amd.1:2020
2. Food* with water activity $0.6 \leq a_w \leq 0.95$	Yeasts and Molds (CFU)	ISO 21527-2:2008

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Type of Sample	Test	Method
3. - Beef, Poultry meat and Pork (Fresh, Chilled, Frozen) - Pig urine	Beta-agonist	Euro Proxima B.V, 5061 BAG (22) 02.24
	Beta-agonist - salbutamol - clenbuterol - ractopamine - brombuterol - terbutaline - fenoterol - zilpaterol	In-house method TE-CH-044 based on Journal of Chromatography B., (2004), Vol.813. P.35-45
4. Beef, Poultry meat and pork (Fresh, Chilled, Frozen)	Chloramphenicol	Euro Proxima B.V, 5091 CAP (24) 02.24
		In-house method TE-CH-027 based on Journal of Chromatography B., (2003), Vol.791. P.31-38
	Nitrofuran Metabolites - 3-amino-2-oxazolidinone (AOZ) - 3-amino-5-morpholinomethyl-2-oxazolidinone (AMOZ) -1-aminohydantoin (AHD) - semicarbazide (SEM)	In-house method TE-CH-002 based on Journal of Chromatography B., (1997), Vol.691. P.87-94 (Tissue Bound Residues)

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Type of Sample	Test	Method
4. Beef, Poultry meat and pork (Fresh, Chilled, Frozen) (Continued)	Tetracycline group - chlortetracycline - oxytetracycline - tetracycline - doxycycline	In-house method TE-CH-298 based on Journal of Chromatography A., (2003), Vol.987. P.227-233
	Sulfonamide group 1. sulfanilamide 2. sulfadiazine 3. sulfapyridine 4. sulfathiazole 5. sulfamerazine 6. sulfamethazine (sulfadimidine) 7. sulfamonomethoxine 8. sulfachloropyridazine 9. sulfisoxazole 10. sulfamethoxazole 11. sulfadimethoxine 12. sulfaquinoxaline	In-house method TE-CH-061 based on Journal of Chromatography A., (2000), Vol.898. P.95-102

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Type of Sample	Test	Method
5. Poultry meat and pork (Frozen)	Anti-Bacterial Substance Residues (Micro Assay) (Detected or not detected)	In-house method TE-MI-050 based on by six-plate agar diffusion assay technique (screening test)
6. Poultry meat, Pork and their products (Fresh, Chilled, Frozen)	Nitrofuran Metabolites - 3,5-dinitrosalicylic acid hydrazide (DNSH)	In-house method TE-CH-002 based on Journal of Food Chemistry, Vol.342 (2021) Article 128389 (Tissue Bound Residues)
7. Liver (Fresh, Chilled, Frozen) - Duck - Chicken - Pig	Chloramphenicol	Euro Proxima B.V, 5091 CAP (24) 02.24
	Nitrofuran Metabolites - 3-amino-2-oxazolidinone (AOZ) - 3-amino-5-morpholinomethyl-2-oxazolidinone (AMOZ) -1-aminohydantoin (AHD) - semicarbazide (SEM)	In-house method TE-CH-002 based on Journal of Chromatography B., (1997), Vol. 691. P. 87-94 (Tissue Bound Residues)

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Type of Sample	Test	Method
8. Pig serum	Sulfonamide group 1. sulfanilamide 2. sulfadiazine 3. sulfapyridine 4. sulfathiazole 5. sulfamerazine 6. sulfamethazine (sulfadimidine) 7. sulfamonomethoxine 8. sulfachloropyridazine 9. sulfisoxazole 10. sulfamethoxazole 11. sulfadimethoxine 12. sulfaquinoxaline	In-house method TE-CH-167 based on Journal of Chromatography., Vol.18 (5); (1995). P.965-975

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Type of Sample	Test	Method
9. Animal Feeds and Raw materials	Protein	In-house method TE-CH-012 based on AOAC (2023) 981.10
	Moisture	AOAC (2023) 930.15
	Ash	AOAC (2023) 942.05
	Crude Fiber	In-house method TE-CH-122 based on AOAC (2023) 978.10
	Crude Fiber	In-house method TE-CH-416 based on AOCS (2017) Ba 6a-05
	Fat	In-house method TE-CH-160 based on AOAC (2023) 920.39
		In-house method TE-CH-014 based on AOAC (2023) 954.02
	Aflatoxin B1, B2, G1, G2 and Total Aflatoxin	In-house method TE-CH-025 based on AOAC (2023) 991.31 and 994.08
	Melamine and derivatives - melamine - ammeline - ammelide	In-house method TE-CH-209 based on Laboratory Information Bulletin. LIB No.4422, 2008

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Type of Sample	Test	Method
9. Animal Feeds and Raw materials (Continued)	Melamine and derivatives - melamine - ammeline - ammelide - cyanuric acid	In-house method TE-CH-166 based on Laboratory Information Bulletin. LIB No.4423, Vol.24, 2008
	Cyanuric acid	In-house method TE-CH-206 based on Laboratory Information Bulletin. LIB No.4422, 2008
	Bovine DNA	In-house method TE-GM-002 based on Biosci Biotechnol Biochem., Vol.71, No. 12 (2007). P.3131-3135
	Salmonella spp. (Detected or not detected)	ISO 6579-1:2017/Amd.1:2020
	Aerobic Plate Count (CFU)	ISO 4833-1:2013/Amd.1:2022
11. Pet Food	Fat	AOAC (2023) 954.02
12. Animal Feeds and Raw materials with water activity $0.6 \leq aw \leq 0.95$	Yeasts and Molds (CFU)	ISO 21527-2:2008

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Type of Sample	Test	Method
13. Water and Ice	Coliforms (MPN)	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA, WEF, 24th Edition, 2023. Part 9221 B
	Escherichia coli (MPN)	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA, WEF, 24th Edition, 2023. Part 9221 B, F
	Clostridium perfringens (CFU)	ISO 14189:2013
	Enterococci (CFU)	ISO 7899-2:2000
14. Carcass rinse	*Salmonella* spp. (Detected or not detected)	ISO 6579-1:2017/Amd.1:2020

Food* means :

1. Meat and meat products (Fresh, Chilled, Frozen, Processed)
2. Poultry meat and poultry meat products (Fresh, Chilled, Frozen, Processed)
3. Egg and egg Product
4. Semi-processed (with livestock ingredient)
5. Ready-to -cook foods and Ready-to-Eat foods (with livestock ingredient)
6. Honey

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Remark

If there are further scientific evidences convincing that any rapid method, proprietary method or alternative method has drawback which might affect the testing validity or inappropriate for livestock product exports testing, the Department of livestock development may withdraw such certified scope of testing.

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