



**Department of Livestock Development
Ministry of Agriculture and Cooperatives**

This is to certify that

CENTRAL LABORATORY (THAILAND) CO., LTD. Chachoengsao Branch

36/6 Moo 8, Tha Sa-an, Bang Pakong, Chachoengsao, 24130 Thailand.

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

Designation code 025-54(1)/11-2568

Date of issue 7 July 2025

Valid until 6 July 2028

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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.
Chachoengsao Branch

Address : 36/6 Moo 8, Tha sa-an, Bang Pakong, Chachoengsao, 24130
Thailand.

Designation Code : 025-54(1)/11-2568

Type of Sample	Test	Method
1. Foods*	Aerobic Plate Count (CFU)	FDA BAM <i>Online</i> , 2001 (Chapter 3)
	Coliforms (MPN)	FDA BAM <i>Online</i> , 2020 (Chapter 4)
	<i>Escherichia coli</i> (MPN)	
	Coliforms (CFU)	AOAC (2023) 991.14
	<i>Escherichia coli</i> (CFU)	
	<i>Clostridium perfringens</i> (CFU, Detected or not detected)	FDA BAM <i>Online</i> , 2001 (Chapter 16)
	Enterococci / Fecal streptococci (CFU)	Compendium of Methods for the Microbiological Examination of Foods (APHA) 5 th Edition. 2015, (Chapter 10)
	<i>Salmonella</i> spp. (Detected or not detected)	ISO 6579-1 : 2017/Amd 1 : 2020 (E)

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Type of Sample	Test	Method
1. Foods* (Continued)	<i>Staphylococcus aureus</i> (CFU, MPN)	FDA BAM Online, 2016 (Chapter 12)
	<i>Listeria monocytogenes</i> (Detected or not detected)	ISO 11290-1 : 2017 (E)
	Yeasts and Molds (CFU)	AOAC (2023) 997.02 Compendium of Methods for the Microbiological Examination of Foods (APHA) 5 th Edition, 2015 (Chapter 21)
2. Poultry meat and pork (Fresh, Frozen, Processed)	Chloramphenicol	In-house method TE-CH-027 based on Journal of Chromatography B, Vol.791, 2003, Page 31-38
		EuroProxima B.V, 5091 CAP (23) 04.20

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Type of Sample	Test	Method
2. Poultry meat and pork (Fresh, Frozen, Processed) (Continued)	Nitrofurantol metabolites 1. Total nitrofurantol methabolites 2. 1-Aminohydantoin (AHD) 3. 3-Amino-2- oxazolidinone (AOZ) 4. 3-Amino-5- morpholinomethyl -2- oxazolidinone (AMOX) 5. Semicarbazide (SEM) 6. 3,5-dinitrosalicylic acid hydrazide (DNSH)	In-house method TE-CH-002 based on Journal of Food Chemistry, Vol. 342, 2021,128389 (Total and Tissue bound residues)

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Type of Sample	Test	Method
2. Poultry meat and pork (Fresh, Frozen, Processed) (Continued)	Tetracycline group 1. Oxytetracycline 2. Tetracycline 3. Chlortetracycline 4. Doxycycline	In-house method TE-CH-147 based on AOAC (2023) 995.09
	Sulfonamides group 1. Sulfachloropyridazine (SCP) 2. Sulfadiazine (SDZ) 3. Sulfadimethoxine (SDM) 4. Sulfamerazine (SMR) 5. Sulfamethazine (SMZ) 6. Sulfamethoxazole (SMXZ)	In-house method TE-CH-061 based on Journal of Chromatography A, Vol. 898, 2000, Page 95-102

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2. Poultry meat and pork (Fresh, Frozen, Processed) (Continued)	7. Sulfamonomethoxine (SMM) 6. Sulfanilamide (SN) 9. Sulfapyridine (SPY) 10. Sulfaquinoxaline (SQX) 11. Sulfathiazole (STZ) 12. Sulfisoxazole (SIX) Trimethoprim (TMP) Ormethoprim (OMP)	In-house method TE-CH-061 based on Journal of Chromatography A, Vol. 898, 2000, Page 95-102
	Beta-agonist	Euro Proxima B. V, 5061 BAG (21) 04.20
3. Pig urine, Poultry meat and pork	Beta-agonist 1. Clenbuterol 2. Salbutamol 3. Ractopamine	In-house method TE-CH-044 based on Journal of Chromatography B, Vol. 813, 2004, Page 35-45

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Type of Sample	Test	Method
4. Animal feed and Raw material	Fat	AOAC (2023) 954.02
	Total Nitrogen and Protein	In-house method TE-CH-250 based on AOAC (2023) 976.05
	Moisture	In-house method TE-CH-359 based on ISO 6496 : 1999 (E)
	Ash	AOAC (2023) 942.05
	Crude fiber	In-house method TE-CH-122 based on AOAC (2023) 978.10
5. Water and Ice	Coliforms (MPN)	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24 th Edition, 2023, Part 9221 B

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

Foods* :

1. Meat and meat products (Fresh, Frozen, Processed)
2. Poultry meat and poultry meat Products (Fresh, Frozen, Processed)
3. Ready-to-eat food (with livestock ingredient)
4. Egg and egg products
5. 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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