



Department of Livestock Development
Ministry of Agriculture and Cooperatives

This is to certify that

CENTRAL LABORATORY (THAILAND) CO., LTD. (Samut Sakhon Branch)

23/13 Moo 9, Khok Kham, Mueang Samut Sakhon, Samut Sakhon, 74000 Thailand.

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

Registered Testing Scopes are as follows

Designation code 026-54(1)/10-2567

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.
(Samut Sakhon Branch)

Address : 23/13 Moo 9, Khok Kham, Mueang Samut Sakhon,
Samut Sakhon, 74000 Thailand.

Designation Code : 026-54(1)/10-2567

Type of Sample	Test	Method
1. Poultry meat and pork (Fresh, Chilled, Frozen, Processed)	Chloramphenicol	In-house method TE-CH-005 based on Chloramphenicol EIA, Euro Proxima B.V.5091CAP [23] 04.20
		In-house method TE-CH-027 based on Journal of Chromatography B, Vol. 791 (2003)
	Nitrofurans Metabolites 1. 1-Aminohydantoin (AHD) 2. 3-Amino-2-oxazolidinone (AOZ) 3. Semicarbazide (SEM) 4. 3-Amino-5-morpholinomethyl-2-oxazolidinone (AMOX)	In-house method TE-CH-002 based on Journal of Chromatography B, Vol. 691 (1997), (Total Residues) In-house method TE-CH-002 based on Journal of Chromatography B, Vol. 691 (1997), (Tissue Bound Residues)

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Type of Sample	Test	Method
1. Poultry meat and pork (Fresh, Chilled, Frozen, Processed) (Continued)	Sulfonamide group : 1. Sulfanilamide (SA) 2. Sulfadiazine (SDZ) 3. Sulfapyridine (SPD) 4. Sulfathiazole (STZ) 5. Sulfamerazine (SMR) 6. Sulfamethazine (SMZ) or Sulfadimidine (SDD) 7. Sulfamonomethoxine (SMONO) 8. Sulfachlorpyridazine (SCPD) 9. Sulfamethoxazole (SMXZ) 10. Sulfisoxazole (SIX)	In-house method TE-CH-061 based on Journal of Chromatography A, Vol. 898, 2000.

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Type of Sample	Test	Method
1. Poultry meat and pork (Fresh, Chilled, Frozen, Processed) (Continued)	11. Sulfaquinoxaline (SQX) 12. Sulfadimethoxine (SDMX)	In-house method TE-CH-061 based on Journal of Chromatography A, Vol. 898, 2000.
2. - Poultry meat and pork (Fresh, Chilled, Frozen) - Animal urine	Beta-agonist 1. Salbutamol 2. Clenbuterol 3. Ractopamine	In-house method TE-CH-044 based on Journal of Chromatography B, Vol. 813 2004.
3. Animal feed	Aflatoxins (B1, B2, G1, G2 and Total Aflatoxin)	In-house method TE-CH-252 based on AOAC (2019) 994.08 and VICAM Afla Test Instruction Manual May 5, 1999

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Type of Sample	Test	Method
4. Animal feed and Raw material	Ash	AOAC (2019) 942.05
	Total Nitrogen and Protein	In-house method TE-CH-012 based on AOAC (2019) 981.10
	Moisture	AOAC (2019) 930.15
	Crude Fiber	In-house method TE-CH-122 based on AOAC (2019) 978.10
	Fat	In-house method TE-CH-014 based on AOAC (2019) 954.02
5. Serum	Sulfonamide group : 1. Sulfanilamide (SA) 2. Sulfadiazine (SDZ) 3. Sulfapyridine (SPD) 4. Sulfathiazole (STZ) 5. Sulfamerazine (SMR)	In-house method TE-CH-167 based on Journal of Liquid Chromatography, 18 (5), 1995

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Type of Sample	Test	Method
5. Serum (Continued)	6. Sulfamethazine (SMZ) or Sulfadimidine (SDD) 7. Sulfamonomethoxine (SMONO) 8. Sulfachlorpyridazine (SCPD) 9. Sulfamethoxazole (SMXZ) 10. Sulfisoxazole (SIX) 11. Sulfaquinoxaline (SQX) 12. Sulfadimethoxine (SDMX)	In-house method TE-CH-167 based on Journal of Liquid Chromatography, 18 (5), 1995

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Type of Sample	Test	Method
6. Food*	Aerobic Plate Count (CFU)	FDA BAM <i>Online</i> , 2001 (Chapter 3)
		AOAC (2019) 990.12
	Coliforms / <i>Escherichia coli</i> (MPN)	FDA BAM <i>Online</i> , 2020 (Chapter 4)
	Coliforms / <i>Escherichia coli</i> (CFU)	AOAC (2019) 998.08
		AOAC (2019) 991.14
	<i>Salmonella</i> spp. (Detected or not detected)	ISO 6579-1 : 2017/Amd.1 : 2020 (E)
	Yeast & Mold (CFU)	FDA BAM <i>Online</i> , 2001 (Chapter 18)
		AOAC (2019) 997.02
	<i>Clostridium perfringens</i> (CFU, Detected or not detected)	FDA BAM <i>Online</i> , 2001 (Chapter 16)

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Type of Sample	Test	Method
6. Food* (Continued)	Enterococci (CFU)	Compendium of Methods for the Microbiological Examination of Foods (APHA), 5 th Edition, 2015 (Chapter 10)
	<i>Staphylococcus aureus</i> (MPN)	FDA BAM Online, 2016 (Chapter 12)
	<i>Staphylococcus aureus</i> (CFU)	AOAC (2019) 2003.11
		AOAC (2019) 2003.08
	<i>Listeria monocytogenes</i> (Detected or not detected)	ISO 11290-1 : 2017 (E)
7. Water and ice	Coliforms (MPN)	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23 rd Edition, 2017. Part 9221 B
	<i>Escherichia coli</i> (MPN)	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23 rd Edition 2017. Part 9221 B, F

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Type of Sample	Test	Method
7. Water and ice (Continued)	<i>Clostridium perfringens</i> (CFU)	ISO 14189 : 2013 (E)
	<i>Enterococcus</i> spp. (CFU)	ISO 7899-2 : 2000 (E)
8. Carcass rinse	<i>Salmonella</i> spp. (Detected or not detected)	ISO 6579-1 : 2017/Amd.1 : 2020 (E)

Food* means :

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