



Department of Livestock Development
Ministry of Agriculture and Cooperatives

This is to certify that

CENTRAL LABORATORY (THAILAND) Co., Ltd. Songkhla Branch

9/116 Kanchanawanich Road, Hat Yai, Hat Yai, Songkhla, 90110 Thailand.

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

Designation code 039-56(1)/08-2565

Date of issue 7 July 2022

Valid until 6 July 2025

(DR.SOPAT CHAVALKUL, DVM.)

DEPUTY DIRECTOR GENERAL

DEPARTMENT OF LIVESTOCK DEVELOPMENT

FOR DIRECTOR GENERAL



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

Name of Laboratory : CENTRAL LABORATORY (THAILAND) Co., Ltd.
Songkhla Branch
Address : 9/116 Kanchanawanich Road, Hat Yai, Hat Yai, Songkhla,
90110 Thailand.
Designation Code : 039-56(1)/09-2567

Type of Sample	Test	Method
1. Food*	Aerobic Plate Count (CFU)	FDA BAM Online, 2001 (Chapter 3)
	Coliforms (MPN)	FDA BAM Online, 2020 (Chapter 4)
	<i>Escherichia coli</i> (MPN)	
	Coliforms (CFU)	AOAC (2023) 998.08 and 991.14
	<i>Escherichia coli</i> (CFU)	
	<i>Salmonella</i> spp. (Detected or not detected)	ISO 6579-1 : 2017/Amd 1 : 2020 (E)
	<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 Moulds (CFU)	FDA BAM Online, 2001 (Chapter 18)

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Valid unit : 6 July 2025

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



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Type of Sample	Test	Method
1. Food* (Continued)	<i>Clostridium perfringens</i> (CFU, Detected or not detected)	FDA BAM Online, 2001 (Chapter 16)
	Enterobacteriaceae (CFU)	ISO 21528-2 : 2017 (E)
	Enterococci (CFU)	Compendium of Method for the Microbiology Examination of Foods, (APHA), 5 th Edition, 2015, Chapter 10
2. Chicken meat	Chloramphenicol	Euro Proxima B.V, 5091 CAP (23) 04.20
		In-house method TE-CH-027 based on Journal of Chromatography B., (2003), Vol.791, page 31-38

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Type of Sample	Test	Method
2. Chicken meat (Continued)	Nitrofurantol metabolites: 1. 1-Aminohydantoin (AHD) 2. 3-Amino-2-oxazolidinone (AOZ) 3. 3-Amino-5-morpholinomethyl -2-oxazolidinone (AMTZ) 4. Semicarbazide (SEM)	In-house method TE-CH-002 based on Journal of Chromatography B., (1997), Vol.691, page 87-94 (Tissue Bound Residues and Total Residues)
	Sulfonamide group: 1. sulfachloropyridazine (SCPZ) 2. sulfadiazine (SDZ) 3. sulfadimethoxine (SDM)	In-house method TE-CH-156 based on Analytical chimica Acta, 546 (2005), page 174-181

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Type of Sample	Test	Method
2. Chicken meat (Continued)	Sulfonamide group: 4. sulfamerazine (SMR) 5. sulfamethazine (SMZ) 6. sulfamethoxazole (SMXZ) 7. sulfamonomethoxine (SMONO) 8. sulfapyridine (SPD) 9. sulfaquinoxaline (SQX) 10. sulfathiazole (STZ) 11. sulfisoxazole (SIX) trimethoprim (TMP) ormetoprim (OMP)	In-house method TE-CH-156 based on Analytical chimica Acta, 546 (2005), page 174-181

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Type of Sample	Test	Method
3. Animal feed and raw material	Nitrogen and Protein	In-house method TE-CH-012 based on AOAC (2023) 981.10
	Ash	AOAC (2023) 942.05
4. Animal feed and raw material (non pet food)	Aflatoxin B1 Aflatoxin B2 Aflatoxin G1 Aflatoxin G2	In-house method TE-CH-025 based on AOAC (2023) 991.31 and 971.22
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

Food* :

1. Meat and Meat products (Fresh, Frozen, Processed)
2. Poultry meat and Poultry meat products (Fresh, Frozen, Processed)
3. Egg and Egg products
4. Semi-Instant food products (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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