



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

This is to certify that

**CENTRAL LABORATORY (THAILAND) CO., LTD. (Khon Kaen Branch)**

**117/4 Moo 14, Nai Muang, Muang Khon Kaen, Khon Kaen 40000 Thailand.**

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

**Registered Testing Scopes are as follows**

**Designation code 031-55(1)/08-2566**

**Date of issue 17 October 2023**

**Valid until 16 October 2026**

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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.

(Khon Kaen Branch)

Address : 117/4 Moo 14, Nai Muang, Muang Khon Kaen, Khon Kaen  
40000 Thailand.

Designation Code : 031-55(1)/08-2566

Type of Sample	Test	Method
1. Food*	Aerobic Plate Count (Total Plate Count) (CFU)	FDA BAM Online, 2001 (Chapter 3)
	Coliforms (MPN) / <i>Escherichia coli</i> (MPN)	FDA BAM Online, 2020 (Chapter 4)
	Coliforms (CFU) / <i>Escherichia coli</i> (CFU)	AOAC (2023) 998.08, 991.14
	<i>Salmonella</i> spp. (Detected or not detected)	ISO 6579-1 : 2017/Amd.1 : 2020
	<i>Staphylococcus aureus</i> (MPN)	FDA BAM Online, 2016 (Chapter 12)
	<i>Listeria monocytogenes</i> (Detected or not detected)	ISO 11290-1 : 2017
	Yeast and Mold (CFU)	FDA BAM Online, 2001 (Chapter 18)

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Type of Sample	Test	Method
1. Food* (Continued)	<i>Clostridium perfringens</i> (Detected or not detected, CFU)	FDA BAM Online, 2001 (Chapter 16)
	Enterococcus (CFU)	NordVal No. 047 Compact Dry ETC
2. Water and Ice	Coliforms (MPN)	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24 <sup>th</sup> Edition, 2023. Part 9221 B
	<i>Escherichia coli</i> (MPN)	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24 <sup>th</sup> Edition, 2023. Part 9221 F
3. Animal feed and raw material (non pet food)	Moisture	AOAC (2023) 930.15
	Ash	AOAC (2023) 942.05
	Nitrogen and Protein	AOAC (2023) 976.05
	Crude fiber	AOAC (2023) 978.10

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Type of Sample	Test	Method
4. Animal feed and raw material	Total Fat	In-house method TE-CH-393 based on AOAC (2023) 954.02

**Foods\* mean :**

1. Meat and Meat Products (Frozen, Dried, Fresh)
2. Poultry Meat and Poultry Meat Products (Frozen, Dried, Fresh)
3. Egg and Egg products

**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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