Name of Laboratory : CPF (Thailand) Laboratory, Tharnkasem,

CPF (Thailand) Public Company Limited

Address : 61/2 Moo 2, Saitree Road, Tambon Tharnkasem,

Amphoe Phraphutthabath, Changwat Saraburi 18120

Accreditation Number : Testing - 0144

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Initial Issue Date : 15<sup>th</sup> March 2017

Issue date : 7<sup>th</sup> March 2024

Expired date : 12<sup>th</sup> September 2026

Standard : ISO/IEC 17025:2017

Reference No. : 0303/3463

# Scope of Laboratory Accreditation

Laboratory Name : CPF (Thailand) Laboratory, Tharnkasem, CPF (Thailand) Public Company Limited

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Amphoe Phraphutthabath, Changwat Saraburi 18120

Accreditation Number : Testing - 0144

Laboratory Status : ☑ Permanent ☐ Site ☐ Temporary ☐ Mobile

Item	Test Material /	Test Item /	Test Method /
	Product		
Number	Product	Range of Testing	Technique Used
1	Feed	- Moisture	ISO 12099 : 2017
		9.00 g/100 g to 11.9 g/100 g	
		- Crude protein	
		11.4 g/100 g to 24.8 g/100 g	
		- Fat	
		2.30 g/100 g to 10.4 g/100 g	
		- Crude fiber	
		1.80 g/100 g to 8.10 g/100 g	

Initial Issue Date 15<sup>th</sup> March 2017

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Laboratory Status : ☑ Permanent ☐ Site ☐ Temporary ☐ Mobile

Test Material /	Test Item /	Test Method /
Product	Range of Testing	Technique Used
Feed material	- Moisture 9.80 g/100 g to 32.0 g/100 g	ISO 12099 : 2017
	- Crude protein 1.80 g/100 g to 50.1 g/100 g	
	- Fat 3.40 g/100 g to 22.8 g/100 g	
	- Crude fiber 1.50 g/100 g to 14.3 g/100 g	
Cassava	- Starch 60.8 g/100 g to 75.2 g/100 g	ISO 12099 : 2017
	Product  Feed material	Product Range of Testing  Feed material - Moisture 9.80 g/100 g to 32.0 g/100 g  - Crude protein 1.80 g/100 g to 50.1 g/100 g  - Fat 3.40 g/100 g to 22.8 g/100 g  - Crude fiber 1.50 g/100 g to 14.3 g/100 g  Cassava - Starch

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ltem	Test Material /	Test Item /	Test Method /
Number	Product	Range of Testing	Technique Used
4	Feed material	- Crude protein	In – house method : TE-NIRC-02
	- Cassava	2.10 g/100 g to 2.40 g/100 g	based on ISO 12099 : 2017
		- Starch	
		65.6 g/100 g to 73.9 g/100 g	
5	Corn	- Moisture	- ISO 12099 : 2017
		13.0 g/100 g to 32.0 g/100 g	- In – house method : KTF-QP-703-01
			based on ISO 24333 : 2009 (Sampling)
		- Moisture	- In – house method : CTL-TE-NIRC-02
		13.0 g/100 g to 26.1 g/100 g	based on ISO 12099 : 2017
			- In – house method : KTF-QP-703-01
			based on ISO 24333 : 2009 (Sampling)

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Accreditation Number : Testing - 0144

Laboratory Status : ☑ Permanent ☐ Site ☐ Temporary ☐ Mobile

Laborator	Laboratory Status . De reminarient De Site De remporary De Mobile			
ltem	Test Material /	Test Item /	Test Method /	
Number	Product	Range of Testing	Technique Used	
6	Rice bran fine	- Crude protein	- ISO 12099 : 2017	
		10.3 g/100 g to 14.3 g/100 g	- In – house method : KTF-QP-703-01	
			based on ISO 24333 : 2009 (Sampling)	
		- Fat		
		8.80 g/100 g to 21.0 g/100 g		
7	Rice bran fine	- Crude protein	- In - house method : CTL-TE-NIRC-02	
		12.1 g/100 g to 13.6 g/100 g	based on ISO 12099 : 2017	
			- In - house method : KTF-QP-703-01	
		- Fat	based on ISO 24333 : 2009 (Sampling)	
		14.1 g/100 g to 19.7 g/100 g		
8	Soybean meal	- Crude protein	- ISO 12099 : 2017	
		45.2 g/100 g to 50.1 g/100 g	- In – house method : KTF-QP-703-01	
			based on ISO 24333 : 2009 (Sampling)	
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#### Scope of Laboratory Accreditation

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Laboratory Status : ☑ Permanent ☐ Site ☐ Temporary ☐ Mobile

Item	Test Material /	Test Item /	Test Method /
Number	Product	Range of Testing	Technique Used
8	Soybean meal	- Crude protein	- In – house method : CTL-TE-NIRC-02
(cont.)		46.0 g/100 g to 49.0 g/100 g	based on ISO 12099 : 2017
			- In – house method : KTF-QP-703-01
			based on ISO 24333 : 2009 (Sampling)
9	Broken rice	- Moisture	- ISO 12099 : 2017
		11.5 g/100 g to 14.4 g/100 g	- In – house method : KTF-QP-703-01
			based on ISO 24333 : 2009 (Sampling)
		- Moisture	- In – house method : CTL-TE-NIRC-02
		12.6 g/100 g to 13.7 g/100 g	based on ISO 12099 : 2017
			- In – house method : KTF-QP-703-01
			based on ISO 24333 : 2009 (Sampling)

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Accreditation Number : Testing - 0144

Laboratory Status : ☑ Permanent ☐ Site ☐ Temporary ☐ Mobile

Laborator	Laboratory Status . D. Fermanent D. Site D. Femporary D. Mobile			
Item	Test Material /	Test Item /	Test Method /	
Number	Product	Range of Testing	Technique Used	
10	Rice bran solvent	- Crude protein	- ISO 12099 : 2017	
	extracted	14.7 g/100 g to 20.0 g/100g	- In - house method : KTF-QP-703-01	
			based on ISO 24333 : 2009 (Sampling)	
		- Crude fiber		
		5.30 g/100g to 14.3 g/100g		
		- Crude protein	- In - house method : CTL-TE-NIRC-02	
		15.0 g/100 g to 18.3 g/100 g	based on ISO 12099 : 2017	
			- In - house method : KTF-QP-703-01	
		- Crude fiber	based on ISO 24333 : 2009 (Sampling)	
		7.30 g/100 g to 11.2 g/100 g		

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