

Name of Laboratory : Laboratory of Betagro Public Company Limited (Phrapradaeng)
Address : 46 Petchaheung Road, Amphoe Phrapradaeng,
Changwat Samutprakarn 10130
Accreditation Number : Testing – 0004
Contact Person : Mr. Pummarin Tangsitthisin
Phone : 080-4281555
Fax : 0-2462-6586-7
E-mail : pummarint@betago.com
Initial Issue Date : 7th July 2005
Issue Date : 26th October 2023
Expired date : 28th March 2026
Standard : ISO/IEC 17025:2017
Reference No. : 0303/17549

Scope of Testing Laboratory Accreditation

Laboratory Name : Laboratory of Betagro Public Company Limited (Phrapradaeng)

Address : 46 Petchaheung Road, Amphoe Phrapradaeng,
Changwat Samutprakarn 10130

Accreditation Number : Testing - 0004

Laboratory Status : Permanent Site Temporary Mobile

Item Number	Test Material / Product	Test Item / Range of Testing	Test Method / Technique Used
1	Feeding stuffs	- Moisture 2.50 g/100 g to 14.99 g/100 g - Crude protein 2.00 g/100 g to 89.00 g/100 g - Crude protein 0.22 g/100 g to 93.5 g/100 g - Crude fat 0.25 g/100 g to 97.50 g/100 g - Crude fiber 0.35 g/100 g to 28.00 g/100 g	ISO 6496 : 1999 In - house method : T-FB-QA-A05-03 based on ISO 5983-2 : 2009 ISO 16634-1 : 2008 In - house method : T-FB-QA-A05-04 based on AOAC Official Methods of Analysis, 22 nd ed., 2023, method 2003.05 In - house method : T-FB-QA-A05-05 based on AOAC Official Methods of Analysis, 22 nd ed., 2023, method 978.10

Initial Issue Date 7th July 2005

Issue Number 11

Bureau of Laboratory Accreditation, Department of Science Service, Ministry of Higher Education, Science, Research and Innovation

Scope of Testing Laboratory Accreditation

Laboratory Name : Laboratory of Betagro Public Company Limited (Phrapradaeng)

Address : 46 Petchaheung Road, Amphoe Phrapradaeng,
Changwat Samutprakarn 10130

Accreditation Number : Testing - 0004

Laboratory Status : Permanent Site Temporary Mobile

Item Number	Test Material / Product	Test Item / Range of Testing	Test Method / Technique Used
1 (cont.)	Feeding stuffs	- Ash 0.30 g/100 g to 53.00 g/100 g - Sodium chloride 0.4 g/100 g to 8.0 g/100 g - Phosphorus 0.05 g/100 g to 9.0 g/100 g - Calcium 0.01 g/100 g to 18.5 g/100 g	In - house method : T-FB-QA-A05-10 (Ashing) In - house method : T-FB-QA-A05-06 based on AOAC Official Methods of Analysis, 22 nd ed., 2023, method 969.10 In - house method : T-FB-QA-A05-07 based on AOAC Official Methods of Analysis, 22 nd ed., 2023, method 965.17 In - house method : T-FB-QA-A05-08 based on AOAC Official Methods of Analysis, 22 nd ed., 2023, method 968.08

Initial Issue Date 7th July 2005

Issue Number 11

Bureau of Laboratory Accreditation, Department of Science Service, Ministry of Higher Education, Science, Research and Innovation

Scope of Testing Laboratory Accreditation

Laboratory Name : Laboratory of Betagro Public Company Limited (Phrapradaeng)

Address : 46 Petchaheung Road, Amphoe Phrapradaeng,
Changwat Samutprakarn 10130

Accreditation Number : Testing - 0004

Laboratory Status : Permanent Site Temporary Mobile

Item Number	Test Material / Product	Test Item / Range of Testing	Test Method / Technique Used
1 (cont.)	Feeding stuffs	- Sodium 53 mg/kg to 13 000 mg/kg - Potassium 1 300 mg/kg to 23 000 mg/kg - Crude fat 0.22 g/100 g to 100.00 g/100 g - Crude fiber 0.23 g/100 g to 30.00 g/100 g - Crude fat 0.50 g/100 g to 20.00 g/100 g	In - house method : T-FB-QA-A05-09 based on AOAC Official Methods of Analysis, 22 nd ed., 2023, method 985.35 In - house method : T-FB-QA-A05-12 based on AOCS Official Procedure Am 5-04, 2017 In - house method : T-FB-QA-A05-13 based on AOCS Official Procedure Ba 6a-05, 2017 In - house Method : T-FB-QA-A05-16 based on ISO 6492 : 1999

Initial Issue Date 7th July 2005

Issue Number 11

Bureau of Laboratory Accreditation, Department of Science Service, Ministry of Higher Education, Science, Research and Innovation

Scope of Testing Laboratory Accreditation

Laboratory Name : Laboratory of Betagro Public Company Limited (Phrapradaeng)

Address : 46 Petchaheung Road, Amphoe Phrapradaeng,
Changwat Samutprakarn 10130

Accreditation Number : Testing - 0004

Laboratory Status : Permanent Site Temporary Mobile

Item Number	Test Material / Product	Test Item / Range of Testing	Test Method / Technique Used
2	Oil seed residue	- Moisture 4.20 g/100 g to 13.60 g/100 g	In - house method : T-FB-QA-A05-02 (Drying)
3	Feed	- Moisture 8.0 g/100 g to 11.90 g/100 g - Crude protein 11.50 g/100 g to 22.60 g/100 g - Crude fat 2.60 g/100 g to 7.80 g/100 g - Crude fiber 1.60 g/100 g to 10.20 g/100 g	ISO 12099 : 2017
4	Concentrate feed	- Crude protein 30.70 g/100 g to 41.80 g/100 g	ISO 12099 : 2017

Initial Issue Date 7th July 2005

Issue Number 11

Bureau of Laboratory Accreditation, Department of Science Service, Ministry of Higher Education, Science, Research and Innovation

Scope of Testing Laboratory Accreditation

Laboratory Name : Laboratory of Betagro Public Company Limited (Phrapradaeng)

Address : 46 Petchaheung Road, Amphoe Phrapradaeng,
Changwat Samutprakarn 10130

Accreditation Number : Testing - 0004

Laboratory Status : Permanent Site Temporary Mobile

Item Number	Test Material / Product	Test Item / Range of Testing	Test Method / Technique Used
5	Soybean meal	- Moisture 9.80 g/100 g to 11.70 g/100 g - Crude protein 46.60 g/100 g to 49.50 g/100 g - Crude fat 0.50 g/100 g to 1.50 g/100 g - Crude fiber 3.10 g/100 g to 5.50 g/100 g	ISO 12099 : 2017

Initial Issue Date 7th July 2005

Issue Number 11

Bureau of Laboratory Accreditation, Department of Science Service, Ministry of Higher Education, Science, Research and Innovation