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(Cap 327, Section 15)

NOTICE

NOTICE FOR DECLARATION OF NATIONAL STANDARDS

IT IS HEREBY NOTIFIED for general information that the National Standards Council in exercise of the powers conferred upon the Council by Section 15 of the Uganda National Bureau of Standards (UNBS) Act (Cap 327) hereby declare that the following standards the scopes of which appear hereunder are elaborated Uganda National Standards.

These standards may be viewed (and/or obtained at a fee) at the UNBS head Office, Plot M217 Nakawa Industrial Area, P.O. Box 6329, Kampala, Tel: 0414-222367/505995, 031-262688/689, Fax: 0414-286123, E-mail: unbs@infocom.co.ug

SECTION 1

FOOD AND AGRICULTURE STANDARDS

1.1 ANIMAL FEEDS

1. US 806:2009, Poultry feeds - Specification

Scope: This Uganda Standard prescribes specifications for the following poultry feeds broiler starter feed; broilers finishing feed; chick and duck feed; poultry grower feed; turkey starter feed; layer feed; and breeders feed.

2. US 807:2009, Cattle feeds - Specification

Scope: This Uganda Standard prescribes requirements for the cattle feeds, licks and concentrates; dry calf starter feed, calf feed, dairy feed, high energy protein beef feed, high energy urea beef feed, low urea lick, high urea lick and calf lick.

3. US 808:2009, Dog feeds - Specification

Scope: This Uganda Standard prescribes requirements for the dog feeds.

4. US 811:2009, Pig feeds - Specification

Scope: This Uganda Standard prescribes requirements for the following feeds: pig creep feed; pig growers feed; pig finishing feed; and pig breeders feed (sow and weaner feed).

5. US 812:2009, Goats and sheep feeds - Specification

Scope: This Uganda Standard prescribes requirements for the goats and sheep feeds.

6. US 813:2009, Rabbit feeds - Specification

Scope: This Uganda Standard prescribes requirements for rabbit feeds.

7. US 814:2009, Fish feeds - Specification

Scope: This Uganda Standard prescribes requirements for fish feeds.

8. US 815:2009, Cat feeds - Specification

Scope: This Uganda Standard prescribes requirements for cat feeds.

9. US EAS 97:1999, Fishmeal - Specification

Scope: This Uganda Standard prescribes the requirements for fishmeal for use in compounding livestock feeds.

10. US EAS 230:2001, Maize bran as livestock feed - Specification

Scope: This Uganda Standard prescribes the requirements for maize bran as a livestock feed.

11. US EAS 231:2001, Bone meal for compounding animal feeds- Specification

Scope: This Uganda Standard prescribes the requirements for bone meal used as a mineral supplement in animal feeds.

12. **US EAS 232:2001, Maize gluten feed - Specification**
Scope: This Uganda Standard prescribes the requirements for maize gluten feed used for livestock feeding.
13. **US EAS 233:2001, Ostrich feed - Specification**
Scope: This Uganda Standard specifies the requirements and test methods for ostrich feed.
14. **US EAS 353:2004, Wheat bran for animal feeds - Specification**
Scope: This Uganda Standard prescribes requirements for wheat bran for use as animal feedstuff and/or ingredient for compounding animal feeds.
15. **US ISO 5510:1984, Animal feeding stuffs - Determination of available lysine**
Scope: This Uganda Standard specifies a method for the determination of the available lysine in animal feeding stuffs containing animal or vegetable proteins. *(This standard cancels and replaces US 447:2002, which has been revised.)*
16. **US ISO 5983-1:2005, Animal feeding stuffs - Determination of nitrogen content and calculation of crude protein content - Part 1: Kjeldahl method**
Scope: This part of US ISO 5983 specifies a method for the determination of the nitrogen content of animal feeding stuffs by the Kjeldahl process, and a method for the calculation of the crude protein content. The method does not measure oxidized forms of nitrogen or heterocyclic nitrogen compounds. This method does not distinguish between protein nitrogen and non-protein nitrogen. If it is important to determine the content of non-protein nitrogen, an appropriate method should be used. *(This standard cancels and replaces US 448:2002, which has been revised.)*
17. **US ISO 5983-2:2005, Animal feeding stuffs - Determination of nitrogen content and calculation of crude protein content - Part 2: Block digestion/steam distillation method**
Scope: This part of US ISO 5983 specifies a method for the determination of nitrogen content of animal feeding stuffs according to the Kjeldahl method, and a method for the calculation of the crude protein content. It concerns a semi-micro rapid routine method using block-digestion, copper catalyst and steam distillation into boric acid. The method is applicable to the determination of greater than 0.5 % Kjeldahl nitrogen in animal feeding stuffs, pet foods and their raw materials. The method does not measure oxidized forms of nitrogen nor heterocyclic nitrogen compounds. The method does not distinguish between protein nitrogen and non-protein nitrogen.
18. **US ISO 5984:2002, Animal feeding stuffs - Determination of crude ash**
Scope: This Uganda Standard specifies a method for the determination of crude ash of animal feeding stuffs. *(This standard cancels and replaces US 449:2002, which has been revised.)*
19. **US ISO 5985:2002, Animal feeding stuffs - Determination of ash insoluble in hydrochloric acid**
Scope: This Uganda Standard specifies two procedures for animal feeding stuffs for the determination of the ash which is insoluble in hydrochloric acid. *(This standard cancels and replaces US 450:2002, which has been revised.)*
20. **US ISO 6490-1:1985, Animal feeding stuffs - Determination of calcium content - Part 1: Titrimetric method**
Scope: This Uganda Standard specifies a titrimetric method for the determination of the calcium content of animal feeding stuffs. *(This Uganda Standard cancels and replaces US 452:2002, which has been revised.)*
21. **US ISO 6491:1998, Animal feeding stuffs - Determination of phosphorus content - Spectrometric method**
Scope: This Uganda Standard specifies a spectrometric method for the determination of the phosphorus content of animal feeding stuffs. *(This standard cancels and replaces US 451-1:2002, which has been republished.)*
22. **US ISO 6492:1999, Animal feeding stuffs - Determination of fat content**
Scope: This Uganda Standard specifies a method for the determination of the fat content of animal feeding stuffs. The method is applicable to animal feeding stuffs except oilseeds and oilseed residues.
23. **US ISO 6493:2000, Animal feeding stuffs - Determination of starch content - Polarimetric method.**
Scope: This Uganda Standard specifies a method for the polarimetric determination of the starch content of animal feeding stuffs and raw materials for animal feeding stuffs.
24. **US ISO 6495:1999, Animal feeding stuffs - Determination of water-soluble chlorides content**
Scope: This Uganda Standard specifies a method for the determination of the water-soluble chlorides content, expressed as sodium chloride, of animal feeding stuffs. *(This standard cancels and replaces US 453:2002, which has been republished.)*

25. US ISO 6496:1999, Animal feeding stuffs - Determination of moisture and other volatile matter content

Scope: This Uganda Standard specifies a method for the determination of the moisture and other volatile matter content of animal feeding stuffs. *(This standard cancels and replaces US 454:2002, which has been republished.)*

26. US ISO 6497:2002, Animal feeding stuffs - Sampling

Scope: This Uganda Standard specifies methods of sampling animal feeding stuffs, including fish feed, for quality control for commercial, technical and legal purposes.

27. US ISO 6498:1998, Animal feeding stuffs - Preparation of test samples

Scope: This Uganda Standard specifies methods for the preparation of test samples from laboratory samples of animal feeding stuffs including pet foods. *(This standard cancels and replaces US 455:2002 which has been republished.)*

28. US ISO 6651:2001, Animal feeding stuffs - Semi-quantitative determination of aflatoxin B1 - Thin-layer chromatographic method

Scope: This Uganda Standard specifies two methods for the determination of aflatoxin B1 in animal feeding stuffs. *(This standard cancels and replaces US 456:2003 which has been revised.)*

29. US ISO 6654:1991, Animal feeding stuffs - Determination of urea content

Scope: This Uganda Standard specifies a spectrometric method for the determination of the urea content of animal feeding stuffs.

30. US ISO 6655:1997, Animal feeding stuffs - Determination of soluble nitrogen content after treatment with pepsin in dilute hydrochloric acid

Scope: This Uganda Standard specifies a method for the determination of the soluble nitrogen content of animal feeding stuffs after treatment with pepsin in dilute hydrochloric acid. *(This standard cancels and replaces US 460:2002, which has been republished.)*

31. US ISO 6865:2000, Animal feeding stuffs - Determination of crude fibre content - Method with intermediate filtration

Scope: This Uganda Standard specifies a method with intermediate filtration for the determination of the crude fibre content. A manual procedure and a semi-automatic procedure are described.

32. US ISO 6866-1985, Animal feeding stuffs - Determination of free and total gossypol

Scope: This Uganda Standard specifies a method for the determination of the content of free and total gossypol and chemically related substances in animal feeding stuffs. *(This standard cancels and replaces US 457:2002 which has been republished.)*

33. US ISO 6869:2000, Animal feeding stuffs - Determination of the contents of calcium, copper, iron, magnesium, manganese, potassium, sodium and zinc - Method using atomic absorption spectrometry

Scope: This Uganda Standard specifies an atomic absorption spectrometric method for the determination of the contents of calcium (Ca), copper (Cu), iron (Fe), magnesium (Mg), manganese (Mn), potassium (K), sodium (Na) and zinc (Zn) in animal feeding stuffs.

34. US ISO 7485:2000, Animal feeding stuffs - Determination of potassium and sodium contents - Methods using flame-emission spectrometry

Scope: This Uganda Standard specifies a calibration method and a standard addition method for the determination of potassium and sodium contents of animal feeding stuffs by flame-emission spectrometry.

35. US ISO 9831:1998, Animal feeding stuffs, animal products, and faeces or urine - Determination of gross calorific value - Bomb calorimeter method

Scope: This Uganda Standard specifies a method for the determination of the gross calorific value of animal feeding stuffs, animal products and faeces or urine at constant volume in an adiabatic, an isothermal, or a static bomb calorimeter.

36. US ISO 13903:2005, Animal feeding stuffs - Determination of amino acids content

Scope: This Uganda Standard describes the determination of free (synthetic and natural) and total (peptide-bound and free) amino acids in feeding stuffs, using an amino acid analyser or HPLC equipment.

37. US ISO 13904:2005, Animal feeding stuffs - Determination of tryptophan content

Scope: This Uganda Standard describes determination of the total and free tryptophan content in feeding stuffs (e.g. complete and complementary feeds, supplementary feeds, raw materials, ingredients, pre-mixtures and concentrates).

38. US ISO 14565:2000, Animal feeding stuffs - Determination of vitamin A content - Method using high-performance liquid chromatography

Scope: This Uganda Standard specifies a method for the determination of the total vitamin A (retinol) content of animal feeding stuffs and pet foods using high-performance liquid chromatography.

39. US ISO 14718:1998, Animal feeding stuffs - Determination of aflatoxin B1 content of mixed feeding stuffs - Method using high-performance liquid chromatography

Scope: This Uganda Standard specifies a high-performance liquid chromatographic (HPLC) method for the determination of aflatoxin B1 content of animal feeding stuffs including those containing citrus pulp.