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**NATIONAL STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

GB/T 23742-2009

**Animal feeding stuffs -- Determination of ash insoluble in
hydrochloric acid
(English Translation)**

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Foreword

This Standard equivalently adopts ISO 5985:2002 Animal feeding stuffs -

Determination of ash insoluble in hydrochloric acid (English version).

For convenience of use, this Standard makes the following editorial changes:

- Change the expression "this International Standard" into "this Standard";
- Use the decimal point "." to replace ",", which is used as a decimal point;
- Delete the foreword of the international standard;
- Add a foreword to the national standard;
- Change "animal feeding stuffs" to "feeding stuffs";
- Replace "ISO 6497:2002" with "GB/T 14699.1";
- Replace "ISO 6498:1998" with "GB/T 20195";
- Replace "ISO 5984" with "GB/T 6438";
- Replace the expression of "procedure A" and "procedure B" in the international

standard with "burning treatment method" and "acid treatment method";

-- Add the constant weight of the empty incineration dish;

-- Add electric furnace to 6.4;

-- Add the numbering of formulas to Chapter 9.

Appendix A of this Standard is an informative appendix.

This Standard shall be under the jurisdiction of National Technical Committee 76 on Feed Industry of Standardization Administration of China (SAC/TC 76).

Drafting organizations of this Standard: Institute of Quality Standard and Testing Technology for Agro-Products of CAAS [China National Feed Quality Control Center (Beijing)].

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Animal feeding stuffs - Determination of ash insoluble in hydrochloric acid

1 Scope

This Standard specifies the determination method of ash insoluble in hydrochloric acid.

The applicable treatment method depends on the nature of the sample.

a) The burning treatment method is applicable to organic single feed and compound feed (except those mentioned in acid treatment method).

b) The acid treatment method is applicable to minerals, mineral mixtures and compound feeds whose ash insoluble in hydrochloric acid measured by the burning treatment method is greater than 1%.

2 Normative references

The terms in the following documents become the terms of this Standard by reference to this Standard. For dated references, all subsequent amendments (not including errata content) or revisions do not apply to this standard. However, parties to agreements that are based on this Standard are encouraged to study whether the latest versions of these documents can be used. For undated references, the latest edition applies to this Standard.

GB/T 6438, Animal feeding stuffs - Determination of crude ash (GB/T 6438-2007, ISO 5984:2002, IDT)

GB/T 14699.1, Feeding stuffs - Sampling (GB/T 14699.1-2005, ISO 6497:2002, IDT)

GB/T 20195, Animal feeding stuffs - Preparation of test samples (GB/T 20195-2006, ISO 6498:1998, IDT)

3 Terms and definitions

The following terms and definitions are applicable to this Standard.

3.1 Ash insoluble in hydrochloric acid

The part of ash that is insoluble in dilute hydrochloric acid under the conditions specified in this Standard.

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