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

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Limited contents of copper in feeds

饲料中铜的允许量

(English Translation)

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Foreword

All the technical contents of this standard is mandatory.

This standard is fully consult the US NRC, Britain ARC (AFRC), the French INRA, Germany GfE and feed legislation with the relevant European Animal Nutrition Science Committee's recommendations on the use of copper in the feed (2003) Experimental study reports and our existing standards for domestic and foreign Based on the domestic livestock and poultry feed products representative sample measured, fully consider the potential copper Movies on animal and human health and environmental pollution Ring, and the development of our country's actual situation.

This standard by the National Feed Industry Standardization Technical Committee (SAC/TC76) and focal points.

This standard was drafted. Wuxi National Food Authority Cereals Feed Quality Supervision, Inspection and Test Center, Jiangsu Academy of Agricultural Sciences Institute of Animal Husbandry Studies, Jiangsu Province Feed Industry Association.

1 Scope

This standard specifies the allowable amount of copper in animal feed products.

This standard applies to animal feed.

2 Normative references

The following documents contain provisions which, through reference in this standard and become the standard terms. For dated references, subsequent Amendments (not including errata content) or revisions do not apply to this standard, however, encourage the parties to

the agreement are based on research Whether the latest versions of these documents. For undated reference documents, the latest versions apply to this standard.

GB/T 13885 animal feed Determination of calcium atoms of copper, iron, magnesium, manganese, potassium, sodium and zinc absorption spectrometric method (GB/T 13885-2003, ISO 6869:2000, IDT) GB/T 14699.1 feed sampling (GB/T 14699.1-2005, ISO 6497:2002, IDT)

3 Terms and Definitions

The following terms and definitions apply to this standard.

Limitedcontentsofcopper allowable amount of copper in a certain feeding time, will not affect the health and performance of animals, it does not affect human health through the food chain and animal products the environmental impact of small livestock and poultry feed products maximum levels of copper.

4 Requirements

Animal feed copper (with Cu) the allowable amount shown in Table 1.

Table 1 animal feed copper allowable amount in milligrams per kilogram

Product Name allowable amount Mix feed for piglets (30kg weight or less) ≤ 200 Early feed growing-finishing pigs (30kg ~ 60kg weight) ≤ 150 Growth in Finishing feed pigs (60kg weight or more) ≤ 35 Stud sow feed ≤ 35 Poultry feed ≤ 35 Cattle concentrated feed supplement ≤ 35 Sheep concentrate supplement feed ≤ 25

Note 1: Press the Add concentrated feed conversion ratio, the same as the corresponding allowable amount of livestock feed.

Note 2: Press the Add additive premix feed conversion ratio, the same as the corresponding allowable amount of livestock feed.

5.1 Sample feed

According to GB/T 14699.1 execution.

5.2 Determination of copper

According to GB/T 13885 execution.