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

GB/T 12729.8-2008

Replacing GB/T 12729.8-1991

Spices and condiments -- Determination of water-insoluble ash

香辛料和调味品 水不溶性灰分的测定

(English Translation)

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Table of Contents

Foreword
1 Scope
2 Normative references
3 Terms and Definitions
5 Main instruments
6 Step, Analysis
6.1 Sample
6.2 Determination

Foreword

GB/T 12729 "Spices and condiments" consists of the following components.

- GB/T 12729.1 Spices and condiments name
- GB/T 12729.2 Spices and condiments - Sampling Methods Preparation --- GB/T 12729.3 Spices and seasoning powder sample analysis
- GB/T 12729.4 Spices and condiments - Determination of fineness of grinding (hand sieving method) Determination --- GB/T 12729.5 spices and condiments extraneous matter content
- GB/T 12729.6 Spices and condiments - Determination of moisture content (distillation)
- GB/T 12729.7 Spices and condiments - Determination of total ash
- GB/T 12729.8 Spices and condiments - Determination of water-insoluble ash Determination --- GB/T 12729.9 Spices and condiments acid insoluble ash
- Determination of GB/T 12729.10 Spices and condiments alcohol extract
- GB/T 12729.11 Spices and condiments - Determination of cold water-soluble material extraction Determination --- GB/T 12729.12 Spices and condiments non-volatile ether extract Determination --- GB/T 12729.13 Spices and condiments dirt this section GB/T 12729 Part 8.

This section corresponds to ISO 929. 1980 "Spices and condiments - Determination of water-insoluble ash" (in English), the degree of non-uniformity, etc.

Effect, the main differences are.

- Increased testing accuracy requirements, the repetitive listed in 7.2, in order to improve

the accuracy of measurement;

--- This part of the inspection report is not specified.

This part is GB/T 12729.8-1991 "Spices and condiments - Determination of water-insoluble ash" amendment. versus GB/T 12729.8-1991 compared to no change in the specific technical content, made some changes in the format and text, will be divided into a Chapter 7 7.1, 7.2, the Chapter 8, "allows poor" technical content to the new "7.2 repeatability" in.

This Part replaces GB/T 12729.8-1991.

This part by the China Federation of Supply and Marketing Cooperatives and focal points.

1 Scope

This section GB/T 12729 specifies the method for determination of Spices and condiments water-insoluble ash.

This section applies to spices and condiments - Determination of water-insoluble ash.

2 Normative references

The following documents contain provisions which, through reference GB/T 12729 in this section constitute provisions of this section. For dated reference documents Member, all subsequent amendments (not including errata content) or revisions do not apply to this section, however, encouraged to reach under this section Parties to research agreement to use the latest versions of these documents. For undated reference documents, the latest versions apply to this section.

GB/T 12729.3 spices and seasoning powder sample was prepared for analysis (GB/T 12729.3-2008, ISO 2825.

1981, MOD)

GB/T 12729.7 Spices and condiments - Determination of total ash (GB/T 12729.7-2008, ISO 928:1997, NEQ)

3 Terms and Definitions

The following terms and definitions apply to this part of the GB/T 12729 of.

Under the conditions specified in this part, the resulting residue was treated with hot water after total ash.

Principle 4

Total ash dissolved in hot water according to the method described 12729.7 GB/T obtained through quantitative filter paper, residue on ignition and weighed.

5 Main instruments

5.1

Furnace temperature. $550\text{ }^{\circ}\text{C} \pm 25\text{ }^{\circ}\text{C}$.

5.2

water bath.

5.3

Quantitative filter paper.

5.4

dryer.

5.5

Analytical balance.

6.1 Sample

6.1.1

If the determination of total ash obtained for the determination of water insoluble ash sample is used to determine a sample of total ash.

6.1.2

may also be another sample taken, according to GB/T 12729.3 requirements for preparation of total ash.

6.2 Determination

Add distilled water to a pre-prepared containing the total ash content of the crucible and heated to near boiling, filtered, washed with hot water until the filtrate and washings were combined and a volume of about 60mL so far. The residue was transferred to filter paper and original crucible, evaporated on a water bath at $550\text{ }^{\circ}\text{C}$ and burning in a high temperature electric furnace 1h. Cooling in a desiccator, weighed (accurate to 1mg). Repeat ashing, cooling and weighing operations until the difference is less than two consecutive weighing 1mg so far.