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

GB/T 12729.12-2008

Replacing GB/T 12729.12-1991

**Spices and condiments -- Determination of no-volatile ether
extract**

香辛料和调味品 不挥发性乙醚抽提物的测定

(English Translation)

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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 12.

1992 "Spices and condiments non-volatile ether extract Determination" (in English), consistency. This portion corresponds to ISO 1108 not equivalent. The main differences are.

- Soxhlet extractor instead of a rotary evaporator, the experimental procedure and results are the same, simple;
- An increase of measurement accuracy requirements, repeatability listed in 9.2;

--- On the inspection report is not specified.

This part is GB/T 12729.12-1991 "Spices and condiments - Determination of non-volatile ether extract" amendment. versus GB/T 12729.12-1991 compared to no change in the specific technical content, made some changes in the format and text, will be fitted to Chapter 9 points 9.1, 9.2, the Chapter 10, "allows poor" content to the new "9.2 repeatability" in.

This Part replaces GB/T 12729.12-1991.

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

1 Scope

This section GB/T 12729 specifies the spices and condiments Determination of non-volatile ether extract.

This section applies to spices and condiments - Determination of non-volatile ether extract.

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 12729.2 Spices and condiments sampling method (GB/T 12729.2-2008, ISO 948. 1980, NEQ) GB/T 12729.3 spices and seasoning powder sample was prepared for analysis (GB/T 12729.3-2008, ISO 2825.

1981, MOD)

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, and extracted with ether to give the sum of non-volatile substance.

Principle 4

The sample was extracted with ether, the volatile portion was removed, dried and weighed extract.

5 Reagents

Anhydrous ether. AR.

6 Main instruments

6.1

filter cartridge.

6.2

cotton.

6.3

Soxhlet extractor. 150mL or 250mL.

6.4

water bath.

6.5

Oven. Temperature $110\text{ }^{\circ}\text{C} \pm 1\text{ }^{\circ}\text{C}$.

6.6

dryer.

6.7

Analytical balance.

7 Sampling

The method according to GB/T 12729.2 specified sampling.