

ISO

INTERNATIONAL ORGANIZATION FOR STANDARDIZATION

ISO RECOMMENDATION R 929

SPICES AND CONDIMENTS

DETERMINATION OF WATER-INSOLUBLE ASH

1st EDITION
January 1969

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BRIEF HISTORY

The ISO Recommendation R 929, *Spices and condiments – Determination of water-insoluble ash*, was drawn up by Technical Committee ISO/TC 34, *Agricultural food products*, the Secretariat of which is held by the Magyar Szabványügyi Hivatal (MSZH).

Work on this question by the Technical Committee led, in 1966, to the adoption of a Draft ISO Recommendation.

In January 1967, this Draft ISO Recommendation (No. 1202) was circulated to all the ISO Member Bodies for enquiry. It was approved, subject to a few modifications of an editorial nature, by the following Member Bodies :

Australia	Greece	Portugal
Brazil	Hungary	Romania
Bulgaria	India	South Africa, Rep. of
Chile	Iran	Thailand
Colombia	Israel	Turkey
Czechoslovakia	Korea, Rep. of	U.A.R.
France	Netherlands	U.S.S.R.
Germany	Poland	Yugoslavia

One Member Body opposed the approval of the Draft :

United Kingdom

The Draft ISO Recommendation was then submitted by correspondence to the ISO Council, which decided, in January 1969, to accept it as an ISO RECOMMENDATION.

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INTRODUCTION

This ISO Recommendation is applicable to most spices and condiments. In view of the number and variety of such products, however, it may be necessary in particular cases to modify the method or even to choose a more suitable method.

Such modifications and other methods will be indicated in the ISO Recommendations giving specifications for the spices and condiments in question.

1. SCOPE

This ISO Recommendation describes a method for the determination of water-insoluble ash in spices and condiments.

2. DEFINITION

By *water insoluble ash* is meant the part of the total ash remaining after treatment with hot water under the conditions described.

3. PRINCIPLE

Extraction of the total ash, obtained as described in ISO Recommendation R 928, *Spices and condiments – Determination of total ash*, with hot water, filtration through ashless filter paper, ignition and weighing of the residue.

4. APPARATUS

- 4.1 *Dish*, flat-bottomed, used for the determination of total ash.
- 4.2 *Muffle furnace*, regulated at 550 ± 25 °C.
- 4.3 *Steam bath*.
- 4.4 *Filter paper*, ashless, medium-fine.
- 4.5 *Desiccator*, provided with an efficient desiccant.
- 4.6 *Analytical balance*.