

# ISO

INTERNATIONAL ORGANIZATION FOR STANDARDIZATION

## ISO RECOMMENDATION R 1108

SPICES AND CONDIMENTS

DETERMINATION OF NON-VOLATILE ETHER EXTRACT

1st EDITION

September 1969

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## BRIEF HISTORY

The ISO Recommendation R 1108, *Spices and condiments – Determination of non-volatile ether extract*, 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 led to the adoption of a Draft ISO Recommendation.

In January 1967, this Draft ISO Recommendation (No. 1204) 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	Hungary	South Africa, Rep. of
Brazil	India	Thailand
Bulgaria	Iran	Turkey
Chile	Israel	U.A.R.
Colombia	Korea, Rep. of	United Kingdom
Czechoslovakia	Poland	U.S.S.R.
France	Portugal	Yugoslavia
Greece	Romania	

Two Member Bodies opposed the approval of the Draft :

Germany  
Netherlands

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

## SPICES AND CONDIMENTS

## DETERMINATION OF NON-VOLATILE ETHER EXTRACT

## 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 or 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 non-volatile ether extract in spices and condiments.

## 2. DEFINITION

By *non-volatile ether extract* is meant the part of a substance extracted by diethyl ether, but non-volatile, under the conditions specified.

## 3. PRINCIPLE

Extraction of the material with diethyl ether, removal of the volatile fractions, drying of the non-volatile residue and weighing.

## 4. REAGENT

*Diethyl ether*, anhydrous, of analytical reagent quality.

## 5. APPARATUS

Usual laboratory apparatus not otherwise specified, and the following items :

- 5.1 *Apparatus for continuous extraction.*
- 5.2 *Oven regulated at  $110 \pm 1$  °C.*
- 5.3 *Analytical balance.*

## 6. SAMPLING

Sample the material by the procedure described in ISO Recommendation R 948, *Spices and condiments – Sampling.*