

# ISO

INTERNATIONAL ORGANIZATION FOR STANDARDIZATION

## ISO RECOMMENDATION R 661

CRUDE VEGETABLE OILS AND FATS

PREPARATION OF CONTRACT SAMPLE FOR ANALYSIS

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## BRIEF HISTORY

The ISO Recommendation R 661, *Crude vegetable oils and fats – Preparation of contract sample for analysis*, 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 began in 1961 and led, in 1963, to the adoption of a Draft ISO Recommendation.

In March 1966, this Draft ISO Recommendation (No. 903) 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	Poland
Belgium	India	Romania
Bulgaria	Iran	South Africa,
Chile	Ireland	Rep. of
Colombia	Israel	Turkey
Czechoslovakia	Italy	U.A.R.
Finland	Netherlands	United Kingdom
France	New Zealand	U.S.S.R.
Germany	Norway	Yugoslavia

No Member Body opposed the approval of the Draft.

The Draft ISO Recommendation was then submitted by correspondence to the ISO Council which decided, in February 1968, to accept it as an ISO RECOMMENDATION.

## CRUDE VEGETABLE OILS AND FATS

## PREPARATION OF CONTRACT SAMPLE FOR ANALYSIS

## 1. SCOPE

This ISO Recommendation describes the treatments which the contract sample should undergo before analysis.

## 2. PRINCIPLE

According to the nature of the determinations to be carried out, treatment of the contract sample so as to make it homogeneous, to separate substances insoluble in the particular oil or fat, or to eliminate water. The means used for this purpose differ according to the physical state of the product to be analysed.

## 3. REAGENT

*Sodium sulphate*, anhydrous.

## 4. APPARATUS

*Electric oven* with temperature regulation.

## 5. PROCEDURE

5.1 **Mixing and filtration**5.1.1 *Liquid sample, clear and without sediment*

Render the sample as homogeneous as possible by turning the container upside down several times.

5.1.2 *Liquid sample, turbid or with sediment*

5.1.2.1 For the determination of moisture and volatile matter, and of impurities insoluble in light petroleum, repeatedly turn over the container holding the sample until the sediment is completely separated from the walls of the container and uniformly distributed in the mass of the oil.