

ISO

INTERNATIONAL ORGANIZATION FOR STANDARDIZATION

ISO RECOMMENDATION R 1575

TEA

DETERMINATION OF TOTAL ASH

1st EDITION

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BRIEF HISTORY

The ISO Recommendation R 1575, *Tea – Determination of total 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 led to the adoption of Draft ISO Recommendation No. 1575, which was circulated to all the ISO Member Bodies for enquiry in July 1968. It was approved, subject to a few modifications of an editorial nature, by the following Member Bodies :

Australia	India	South Africa, Rep. of
Brazil	Iran	Spain
Ceylon	Israel	Thailand
Chile	Korea, Rep. of	Turkey
Colombia	Netherlands	U.A.R.
Czechoslovakia	Poland	United Kingdom
France	Portugal	U.S.A.
Hungary	Romania	U.S.S.R.

No Member Body opposed the approval of the Draft.

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

TEA

DETERMINATION OF TOTAL ASH

1. SCOPE

This ISO Recommendation describes a method for the determination of the total ash of tea.

2. DEFINITION

By *total ash* is meant the residue obtained after incineration at $525 \pm 25^\circ\text{C}$ under the conditions specified.

3. PRINCIPLE

Destruction of organic matter by heating at $525 \pm 25^\circ\text{C}$ to constant mass.

4. REAGENT

Vegetable oil (for example, olive oil) leaving no residue on incineration.

5. APPARATUS

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

- 5.1 *Dish*, capacity 50 to 100 ml, of platinum, porcelain or other material unaffected by the conditions of the test.
- 5.2 *Furnace*, regulated at $525 \pm 25^\circ\text{C}$.
- 5.3 *Steam bath*.
- 5.4 *Hotplate*.
- 5.5 *Desiccator*, containing an effective desiccant.
- 5.6 *Analytical balance*.

6. SAMPLE

Use a ground sample of known dry matter content, prepared as described in ISO Recommendation R 1572, *Tea – Preparation of ground sample of known dry matter content*.