INTERNATIONAL STANDARD 2190

INTERNATIONAL ORGANIZATION FOR STANDARDIZATION • МЕЖДУНАРОДНАЯ ОРГАНИЗАЦИЯ ПО СТАНДАРТИЗАЦИИ • ORGANISATION INTERNATIONALE DE NORMALISATION

Cork — Granulated cork — Determination of moisture content

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FOREWORD

ISO (the International Organization for Standardization) is a worldwide federation of national standards institutes (ISO Member Bodies). The work of developing International Standards is carried out through ISO Technical Committees. Every Member Body interested in a subject for which a Technical Committee has been set up has the right to be represented on that Committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work.

Draft International Standards adopted by the Technical Committees are circulated to the Member Bodies for approval before their acceptance as International Standards by the ISO Council.

International Standard ISO 2190 was drawn up by Technical Committee ISO/TC 87, *Cork.*

It was approved in March 1971 by the Member Bodies of the following countries:

France	Italy	Spain
Germany	Portugal	United Kingdom
Iran	South Africa, Rep. of	Yugoslavia

No Member Body expressed disapproval of the document.

Cork — Granulated cork — Determination of moisture content

1 SCOPE AND FIELD OF APPLICATION

This International Standard specifies a method of determination of the moisture content of granulated cork.

2 REFERENCE

ISO/R 2067, *Granulated cork — Sampling.*

3 APPARATUS

3.1 Balance, accurate to within 0.5 g.

3.2 Oven, capable of maintaining a constant temperature of 103 ± 2 °C.

3.3 Container, without cover, 50 mm high, tared.

3.4 Desiccator

4 SAMPLING

Sampling shall be carried out in accordance with ISO/R 2067.

5 PROCEDURE

5.1 Test sample

From the laboratory sample, take at random three test samples, each of about 100 g.

5.2 Determination

Place the test sample in the container (3.3) and weigh.

Then place the container and its contents in the oven (3.2).

Dry until constant mass is obtained (i.e. until the results of two consecutive weighings at an interval of 2 h do not differ by more than 0.5 % of the initial mass of the test sample).

Remove the container from the oven, allow to cool in the desiccator for 30 min, then weigh.

6 EXPRESSION OF RESULTS

The moisture content of the granulated cork, expressed as a percentage by mass, is given by the formula

$$\frac{m_1 - m_2}{m_1 - m_3} \times 100$$

where

m_1 is the mass, in grams, rounded off to the nearest integer, of the container with the test sample before drying;

m_2 is the mass, in grams, rounded off to the nearest integer, of the container with the test sample after drying;

m_3 is the mass, in grams, rounded off to the nearest integer, of the container.

Take as the result the arithmetic mean of the percentages obtained for the three test samples.

7 TEST REPORT

The test report shall give the following information:

a) the result obtained;

b) the method used;

c) all details of procedure not specified in this International Standard, or optional;

d) any occurrences that may have affected the results;

e) every detail needed to fully identify the sample.