

ISO

INTERNATIONAL ORGANIZATION FOR STANDARDIZATION

ISO RECOMMENDATION R 1697

CHLOROBENZENE FOR INDUSTRIAL USE

METHODS OF TEST

1st EDITION

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BRIEF HISTORY

The ISO Recommendation R 1697, *Chlorobenzene for industrial use – Methods of test*, was drawn up by Technical Committee ISO/TC 47, *Chemistry*, the Secretariat of which is held by the Ente Nazionale Italiano di Unificazione (UNI).

Work on this question led to the adoption of Draft ISO Recommendation No. 1697, which was circulated to all the ISO Member Bodies for enquiry in February 1969. It was approved, subject to a few modifications of an editorial nature, by the following Member Bodies :

Australia	India	South Africa, Rep. of
Austria	Iran	Spain
Belgium	Israel	Switzerland
Brazil	Italy	Thailand
Canada	Netherlands	Turkey
Czechoslovakia	New Zealand	U.A.R.
France	Peru	United Kingdom
Germany	Poland	U.S.S.R.
Greece	Portugal	Yugoslavia
Hungary	Romania	

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.

CHLOROBENZENE FOR INDUSTRIAL USE

METHODS OF TEST

1. SCOPE

This ISO Recommendation describes methods of test for chlorobenzene for industrial use.

2. SAMPLING

For the preparation of the laboratory sample, use the method described in ISO Recommendation R 2209*,
Liquid halogenated hydrocarbons for industrial use – Sampling.

3. DETERMINATION OF DISTILLATION CHARACTERISTICS

Use the method described in ISO Recommendation R 918, *Test method for distillation (distillation yield and distillation range)*. The following particulars and modifications, specific for chlorobenzene, should be introduced in the above-mentioned ISO Recommendation.

3.1 Scope (see section 1 in ISO/R 918)

This determination indicates the difference between the temperatures corresponding to the collection of two volumes of distillate, A and B.

These two volumes will be indicated in the specifications for the product agreed between the interested parties.

3.2 Thermometer (see clause 3.2 in ISO/R 918)

Graduated in 0.2 °C intervals

Maximum error 0.2 °C

Range 115 to 165 °C

3.3 Distillation rate (see clause 6.2 in ISO/R 918)

4 to 5 ml per minute.

3.4 Adjustment for thermometer error (see clause 5.2 in ISO/R 918)

For this determination no adjustment of the thermometer readings is required for variations in barometric pressure.

4. DETERMINATION OF DENSITY

Use the method described in ISO Recommendation R 758, *Method for the determination of density of liquids at 20 °C*.

* At present Draft ISO Recommendation.