

ISO

INTERNATIONAL ORGANIZATION FOR STANDARDIZATION

ISO RECOMMENDATION R 1614

ALIPHATIC POLYHYDRIC ALCOHOLS

GLYCERINE FOR INDUSTRIAL USE

SAMPLES AND TEST METHODS

GENERAL

1st EDITION

July 1970

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BRIEF HISTORY

The ISO Recommendation R 1614, *Aliphatic polyhydric alcohols – Glycerine for industrial use – Samples and test methods – General*, 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. 1614 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 :

Austria	India	South Africa, Rep. of
Belgium	Iran	Spain
Brazil	Israel	Sweden
Colombia	Italy	Switzerland
Cuba	Japan	Thailand
Czechoslovakia	Korea, Rep. of	Turkey
France	Netherlands	U.A.R.
Germany	New Zealand	United Kingdom
Greece	Portugal	U.S.S.R.
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.

ALIPHATIC POLYHYDRIC ALCOHOLS**GLYCERINE FOR INDUSTRIAL USE****SAMPLES AND TEST METHODS****GENERAL****1. SCOPE**

This ISO Recommendation provides general prescriptions relative to the treatment of samples and to the test methods for glycerine for industrial use.

2. FIELD OF APPLICATION

The methods described are applicable to the analysis of crude or distilled glycerine whose glycerol content is greater than 75 % (m/m).

The methods relate to the following items :

- Sampling
- Determination of glycerol
- Determination of water
- Determination of alkalinity or acidity
- Determination of arsenic
- Determination of ash content
- Determination of sulphated ash in products not containing more than 0.5 % (m/m) of such ash
- Determination of density
- Determination of the non-volatile organic residue and/or of the MONG (in the case of crude glycerine only).

3. TEST METHODS

The following details are generally applicable to each of the methods described.