

(PREVIEW)

Indian Standard**SPECIFICATION FOR
SODIUM CHLORIDE, ANALYTICAL REAGENT****0. FOREWORD**

0.1 This Indian Standard (First Revision) was adopted by the Indian Standards Institution on 25 December 1979, after the draft finalized by the Acids, Alkalis and Halides Sectional Committee had been approved by the Chemical Division Council.

0.2 This standard was first published in 1967. In the present revision, a new requirement of ferrocyanide content has been added. Requirements for nitrates, ammonium salts, bromide and iodide and insoluble salts have been made more stringent. Limits for sulphate and iron content have been suitably modified.

0.3 Sodium chloride is used in argentimetry, colorimetry, flame photometry, polarography and in the preparation of buffer solutions. The material required for such purposes has to be free from all impurities which affect the results of analysis.

0.4 For the purpose of deciding whether a particular requirement of this standard is complied with, the final value, observed or calculated, expressing the result of a test or analysis, shall be rounded off in accordance with IS : 2-1960*. The number of significant places retained in the rounded off value should be the same as that of the specified value in this standard.

1. SCOPE

1.1 This standard prescribes the requirements and the methods of sampling and test for sodium chloride, analytical reagent grade.

*Rules for rounding off numerical values (*revised*).