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**NATIONAL STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

GB/T 13025.1-2012

Replacing GB/T 13025.1-1991

**General test method in salt industry - Determination of grain
size**

制盐工业通用试验方法 粒度的测定

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Table of Contents

- 1 Scope
- 2 Normative references
- 3 Terms and Definitions
- 4 Instrument
- 5 Test procedure
- 6 Calculated results

Foreword

This section of the standard method of series universal testing in salt industry, which is currently divided into the following series of standards section 13 and, if necessary, other test Standard method will complement the development of the follow-up work.

- GB/T 13025.1 General test method in salt industry - Determination of particle size;
- GB/T 13025.2 General test method in salt industry - Determination of whiteness;
- GB/T 13025.3 General test method in salt industry - Determination of moisture content;
- GB/T 13025.4 General test method in salt industry - Determination of insoluble matter;
- GB/T 13025.5 General test method in salt industry Determination of chloride ion;
- GB/T 13025.6 salt industry Determination of calcium and magnesium ions Common test methods;
- GB/T 13025.7 General test method in salt industry Determination of iodide ion;
- GB/T 13025.8 General test method in salt industry - Determination of sulfate ion;
- GB/T 13025.9 General test method in salt industry Determination of lead ion;
- GB/T 13025.10 General test method in salt industry - Determination of ferrous cyanide;
- GB/T 13025.11 General test method in salt industry Determination of fluoride ions;
- GB/T 13025.12 General test method in salt industry - Determination of barium ions;
- GB/T 13025.13 General test method in salt industry - Determination of arsenic ions. This is Part 1 GB/T 13025 in. This section based on GB/T 1.1-2009 of rules for the preparation. This section replaces the GB/T 13025.1-1991 "General test method in salt industry - Determination of particle size." This part of GB/T 13025.1-1991 compared except editorial changes, the major technical changes are as follows:

1 Scope

GB/T 13025.1-2012 is the Chinese national standard on general test method in salt industry - determination of grain size, in the field of chemical technology. The /T suffix marks it as a recommended standard: it is not compulsory by itself, but it becomes binding as soon as a contract, a tender or a customer specification calls it up - which in practice is how most foreign buyers meet it. It was issued on 29 June 2012 by the General Administration of Quality Supervision, Inspection and Quarantine of the People's Republic of China; Standardization Administration of China, and has been in force since 1 December 2012. Classification: ICS 71.060.50, CCS X35. This page is published from the official record of the standard held by the Chinese standards administration: the identification, the dates, the classification and the issuing body are taken from there. The clause text, the tables and the numeric limits are in the document itself, which is delivered complete in English translation.

This section GB/T 13025 specifies the method for determination of edible salt and salt products granularity. This section applies to the determination of salt and edible salt products granularity.

2 Normative references

The following documents for the application of this document is essential. For dated references, only the dated edition applies to this article Member. For undated references, the latest edition (including any amendments) applies to this document.

GB/T 6003.1 Test sieves of metal wire cloth

GB/T 6003.2 Test sieves of perforated metal plate

GB/T 6003.3 electroformed sheet test sieve

3 Terms and Definitions

The following terms and definitions apply to this document.

3.1 Size granularity The thickness of the particulate material.

4 Instrument

4.1 Test sieves. GB/T 6003.1, GB/T 6003.2, the R40/3 series test sieve GB/T 6003.3.

4.2 vibration sieve machine. Circle the number of swings (280 ± 10) times/min; up and down rapping frequency (156 ± 5) times/min; noise ≤ 70 dB.

4.3 Balance. a sense of volume ≤ 0.2 g.

5 Test procedure

Weigh 100g sample weighing accuracy of 0.2g, sieved using a predetermined test sieve mesh size. 2min or manual sieving through the sieve shaker Sieve Sieve 1min after mass on matter, to the nearest 0.2g.

6 Calculated results

The sample size on the screen oversize predetermined mass fraction w and its value as a percentage (%) expressed by the formula (1). $w = m_1/m \times 100$ (1) Where. Quality was on m_1

--- sieve, in grams (g);