

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

SN/T 0736.3-2011

Replacing SN/T 0736.3-1997

**Test method of import and export fertilizers. Part 3:
Determination of granule size**

进出口化肥检验方法 第3部分：粒度的测定

(English Translation)

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Foreword

This section drafted in accordance with GB/T 1.1-2009 given rules.

SN/T 0736 "Importers fertilizer test methods" standard series is divided into 14 parts.

- Part 1. sampling and sample preparation;
- Part 2. Determination of moisture;
- Part 3. Determination of particle size;
- Part 4. Flame atomic absorption spectrometric method for the determination of sodium content;
- Part 5. Determination of nitrogen content;
- Part 6. Determination of phosphorus;
- Part 7. Determination of potassium content;
- Part 8. Determination of shrinkage diurea content;
- Part 9. Determination of chlorine content;
- Part 10. Determination of the free acid;
- Part 11. automatic analyzer nitrogen content;
- Part 12. Determination of Arsenic, chromium, cadmium, mercury, lead by inductively coupled plasma mass spectrometry;
- Part 13. Flame atomic absorption spectrometric method for the determination of copper, zinc, iron, manganese, magnesium, cobalt, nickel content;

--- Part 14. Determination of Inorganic anions by ion chromatography.

This is Part 3 SN/T 0736 "Importers fertilizer test methods" series of standards.

This section instead of the industry standard SN/T 0736.3-1997 "Importers fertilizer test method Determination of particle size." this section 0736.3-1997 compared with SN/T , the main changes are as follows.

". Chemical analysis methods - Part 4 standard writing rules" provisions of this section according to the original --- GB/T 20001.4-2001 SN/T 0736.3-1997 choreography format normative changes and additions;

--- This part of the GB/T 20781-2006 in "Sample Preparation" part of the terms, increase the recommended sample scale;

--- This section increases the precision of the results allowed the difference (r, R) normative statements.

This section proposed and managed by the National Certification and Accreditation Administration Committee.

1 Scope

This section provides a screening test method for particle size distribution and export of solid fertilizer.

This section applies to the determination by a nominal pore size in between 100 μ m ~ 5.6mm solid fertilizer particle size distribution.

2 Normative references

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

GB/T 5329 Test sieves and screening tests terminology GB/T 20781 Solid fertilizers and soil conditioners screening test SN/T 0736.1 fertilizer import and export inspection methods of sampling and sample preparation

3 Terms and Definitions

GB/T 5329 to determine the terms and definitions apply to this document.

4 Method summary

A certain amount of sample, by sieving them into different particle size, weighing calculate the mass fraction.

5 Instruments

5.1

balance, a sense of the amount of 0.01g.

5.2

stainless steel woven wire mesh sieve test. a nominal pore size. 100 μ m ~ 5.6mm, with a lid and chassis.

5.3

stainless steel sifter.

5.4

sieve shaker, simultaneous horizontal and vertical oscillation.

5.5

soft brush.

6 Sampling

Sampling by SN/T 0736.1 performed.

7 Preparation of the sample

The terms in GB/T 20781 specimens were prepared.

The sample and dividing the amount of time needed to test, the sample size should be close to the amount of the first two most particle sizes in Table 1 below.