

SN

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

SN/T 3372-2012

**Determination of lead, cadimium, chromium, Nickel, arsenic and
mercury in organic-inorganic compound fertilizers. Inductively
coupled plasma atomic emission spectrometry**

(English Translation)

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Foreword

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

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

This standard was drafted. Xiamen, People's Republic of China Exit Inspection and Quarantine.

1 Scope

This standard specifies the organic - inductively coupled plasma atomic inorganic compound fertilizer by lead, cadmium, chromium, nickel, arsenic and mercury emission spectrometry method.

This standard applies to organic - inorganic compound fertilizer by lead, cadmium, chromium, nickel, arsenic and mercury determination. Determination of the lower limit of the elements shown in Table 1.

Table 1 and the lower limit of detection elements

Analysis of elements Lower limit of detection mg/kg Pb 3.0 Cd 0.3 Cr 0.5 Ni 0.7 as 5.0 Hg 1.0

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 with amendments) apply to this document.

Preparation of standard solution of GB/T 602 Determination of impurities in chemical reagents Laboratory use specifications and test methods GB/T 6682 Analysis Preparation of GB/T 8571 compound fertilizer laboratory samples

3 Terms and Definitions

The following terms and definitions apply to this document.

Inorganic (mineral) fertilizers inorganic (mineral) fertilizer Was marked nutrient salts in the form of fertilizers, by the extraction, physical and (or) method of the chemical industry is made.

Organic fertilizer Mainly from plants and (or) animals, applied to the soil to provide plant nutrition for their primary function of the carbon material.