

ICS 37.040.30

CCS G 84



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

GB/T 22406-2008

**Photography -- Processing chemicals -- Specifications for boric
acid, granular**

摄影 加工用化学品 颗粒状硼酸

(English Translation)

Issued on: October 10, 2008

Implemented on: June 1, 2009

Issued by: Standardization Administration of China

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Foreword

This standard is identical with ISO 3628:1994 "photographic processing chemicals --- granular borate norms" (in English).

This standard is equivalent translation ISO 3628:1994.

For ease of use, this standard made the following editorial changes.

--- "This International Standard" or "ISO 3628" to "this standard";

"," --- With a decimal point instead of a comma as the decimal point, "";

--- Delete ISO 3628:1994 Foreword Introduction;

--- The international instruments listed in Chapter 2, "Normative references" instead equivalents translate national standards.

Please note that some of the content of this standard may involve patents, the issuing authority of this standard should not bear the responsibility to identify these patents.

The standard proposed by China Petroleum and Chemical Industry Association.

The photosensitive material standard by the National Standardization Technical Committee (SAC/TC102) centralized.

This standard was drafted. China Lucky Film Group Corporation Baoding Lucky Chemical Co., photography.

Drafters of this standard. Jingbo places.

GB/T 22406-2008/ISO 3628:1994 Photography - Processing chemicals granular boric acid

1 Scope

This standard specifies the test methods for photographic grade boric acid purity requirements and test purity.

2 Normative references

The following documents contain provisions which, through reference in this standard and become the standard terms. For dated references, subsequent Amendments (not including errata content) or revisions do not apply to this standard, however, encourage the parties to the agreement are based on research Whether the latest versions of these documents. For undated reference documents, the latest versions apply to this standard.

GB/T 20432.1-2006 Photographic grade chemicals - Test methods - Part 1. General (ISO 10349-1:2002, IDT) GB/T 20432.4-2006 Photographic grade chemicals - Test methods - Part 4. Determination of residue on ignition (ISO 10349-4. 1992, IDT)

Determination of heavy metals and iron content. GB/T 20432.5-2007 Photographic grade chemicals - Test methods - Part 5 (ISO 10349-5:1992, IDT)

3.1 Physical properties

Boric acid (H_3BO_3) as a white crystalline powder, relative molecular mass of 61.83.

3.2 Hazard

Borate no risk in taking the usual protective measures, refer to the manufacturer's Additional Information.

4 Requirements

Requirement in Table 1.

Table 1 Requirements

Project Test Limit Test Standard Terms Content (H_3BO_3 meter) /% ≥ 99.0 7.1 This standard Residue on ignition /% ≤ 0.3 7.2 GB/T 20432.4-2006 the mass fraction of heavy metals (Pb) /% ≤ 0.002 7.3 GB/T 20432.5-2007 the mass fraction of iron (as Fe) /% ≤ 0.002 7.4 GB/T 20432.5-2007 Appearance transparent solution without insolubles (except micro floc) 7.12 standard

5 Reagents and glassware

Unless otherwise specified, all reagents, glassware and materials shall comply with GB/T 20432.1 requirements. With detailed steps at the risk prompts warning sign see GB/T 20432.1. These symbols are only to provide information for the user, that does not mean the danger mark Chi claims, it is stipulated that each country is different.

6 Sampling

See GB/T 20432.1-2006.

GB/T 22406-2008/ISO 3628:1994