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

GB/T 22405-2008

**Photography -- Processing chemicals -- Specifications for
potassium bromide**

摄影 加工用化学品 溴化钾

(English Translation)

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Table of Contents

Foreword
1 Scope
2 Normative references
3 Overview
3.1 Physical properties
3.2 Hazard
3.3 HANDLING AND STORAGE
4 Requirements

Foreword

This standard is identical with ISO 420:1994 "photographic processing chemicals --- bromide norms" (in English).

This standard is equivalent translation ISO 420:1994.

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

--- "This International Standard" or "ISO 420" to "this standard";

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

--- Delete ISO 420:1994 Foreword Introduction;

--- The Chapter 2, "Normative References" section listed in international documents equivalents translated national standards instead.

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 22405-2008/ISO 420:1994 Photography - Processing chemicals - potassium bromide

1 Scope

This standard specifies the test methods for photographic grade potassium bromide 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) Determination of ammonia insoluble matter. GB/T 20432.3-2008 Photographic grade chemicals - Test methods - Part 3 (ISO 10349-3:1992, 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) Determination of halide content. GB/T 20432.6-2008 Photographic grade chemicals - Test methods - Part 6 (ISO 10349-6:1992, IDT) Determination of alkalinity or acidity. GB/T 20432.7-2007 Photographic grade chemicals - Test methods - Part 7 (ISO 10349-7:1992, IDT) GB/T 20432.8-2007 Photographic grade chemicals - Test methods - Part 8. Determination of volatile matter (ISO 10349-8:2002, IDT) GB/T 20432.10-2007 Photographic grade chemicals - Test methods - Part 10. Determination of sulfide (ISO 10349-10:1992, IDT)

3.1 Physical properties

Potassium bromide (KBr) as a white crystal or crystalline powder, relative molecular mass of 119.00.

3.2 Hazard

Potassium bromide after taking the usual precautions Not hazardous.

3.3 HANDLING AND STORAGE

Potassium bromide should be stored in airtight containers at room temperature.

4 Requirements

Requirement in Table 1.

Table 1 Requirements

Project Test Limit Test Standard Terms Content /% 99.0 -100.3 7.1 standard Insoluble

content (aqueous ammonia solution to precipitate calcium and magnesium in Meter) /% ≤
0.3 7.2 GB/T 20432.3-2008 GB/T 22405-2008/ISO 420:1994