

भारतीय मानक मसौदा
फ़ोटोग्राफ़ी उद्योग के लिए पोटेशियम
सल्फ़ाइट, 650 ग्राम/लीटर जलीय घोल —
विशिष्टि
(पहला पुनरीक्षण)

Draft Indian Standard
POTASSIUM SULPHITE, 650 g/l AQUEOUS
SOLUTION FOR PHOTOGRAPHIC INDUSTRY —
SPECIFICATION
(First Revision)

(Not to be reproduced without the permission of BIS or used as an Indian Standard)

ICS 37.040.30

Electroplating Chemicals and Photographic
Materials Sectional Committee, CHD 05

Last date for comments: 19th March 2024

Electroplating Chemicals and Photographic Materials Sectional Committee, CHD 05

NATIONAL FOREWORD

(Formal clauses shall be added later)

This standard is one of a series of Indian Standards for Photographic grade chemicals which are commonly used in the processing of sensitized photographic materials. The specification lays down chemical and physical requirements for 650g/l aqueous solution of potassium sulphite.

This standard was originally published in 1983 by taking assistance from ISO/DIS 5990:1978 Photographic grade potassium sulphite, 650 g/l aqueous solution — Specification, prepared by International Organization for Standardization (ISO). Now this standard is being revised by adopting ISO 5990 : 2000 on dual number basis.

The text of ISO Standard has been approved as suitable for publication as an Indian Standard without deviations. Certain conventions are, however, not identical to those used in Indian Standards. Attention is particularly drawn to the following:

- a) Wherever the words 'International Standard' appears referring to this standard, they should be read as 'Indian Standard'.
- b) Comma (,) has been used as a decimal marker, while in Indian Standards, the current practice is to use a point (.) as the decimal marker.

In this adopted standard, reference appears to certain International Standards for which Indian Standards do not exist. So, the technical committee has reviewed the provisions of the following International Standards/ documents referred in this adopted standard and has decided that they are acceptable for use in conjunction with this Standard:

<i>International Standards</i>	<i>Title</i>
ISO 10349-1: 2002	Photography — Photographic grade chemicals — Test methods — Part 1: General.
ISO 10349-5:1992	Photography — Photographic grade chemicals — Test methods — Part 5: Determination of heavy metals and iron content.
ISO 10349-9:1992	Photography — Photographic-grade chemicals — Test methods — Part 9: Reaction to ammoniacal silver nitrate.
ISO 10349-11:1992	Photography — Photographic-grade chemicals — Test methods — Part 11: Determination of specific gravity.
ISO 10349-12:1992	Photography — Photographic-grade chemicals — Test methods — Part 12: Determination of density.

The standard also makes a reference to the BIS certification marking of the product, details of which are given in Annex A.

For the purpose of deciding whether a particular requirement of this standard is complied with, the final value, observed or calculated, expressing the result of a test or analysis, shall be rounded off in accordance with IS 2: 2022 'Rules for rounding off numerical values (*second revision*)'. The number of significant places retained in the rounded off value should be the same as that of the specified value in this standard.

National Annex A

(*National Foreword*)

A-1 BIS CERTIFICATION MARKING

The product may also be marked with the Standard Mark.

A-1.1 The use of the Standard Mark is governed by the provisions of the Bureau of Indian Standards Act, 2016 and the Rules and Regulations made thereunder. The details of the conditions under which the licence for use of the Standard Mark may be granted to manufacturers or producers may be obtained from the Bureau of Indian Standards.