

Specification for

Photographic grade sodium carbonate, monohydrate

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Cooperating organizations

The Photographic Standards Committee, under whose direction this British Standard was prepared, consists of representatives from the following Government departments and scientific and industrial organizations:

- Aslib
- Association of Manufacturers and Suppliers for the Graphic Arts
- Association of Photographic Laboratories
- British Broadcasting Corporation
- British Kinematograph, Sound and Television Society*
- British Photographic Association*
- British Printing Industries Federation
- Drawing Office Material Manufacturers' and Dealers' Association
- Graphic Reproduction Federation
- Her Majesty's Stationery Office
- Illuminating Engineering Society
- Institute of Incorporated Photographers (Ltd.)
- Institute of Reprographic Technology
- Lighting Industry Federation Ltd.
- Ministry of Defence
- Photographic Dealers' Association
- Post Office
- Royal Photographic Society*
- Scientific Instrument Manufacturers' Association

The organizations marked with an asterisk in the above list, together with the following, were directly represented on the committee entrusted with the preparation of this British Standard:

- British Institute of Non-destructive Testing
- Chemical Industries Association

This British Standard, having been prepared under the direction of the Photographic Standards Committee, was published under the authority of the Executive Board on 28 April 1978

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The following BSI references relate to the work on this standard:
Committee reference PHS/19
Letter of intent 77/61057

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National foreword

This British Standard has been prepared under the direction of the Photographic Standards Committee and is identical with International Standard, ISO 3942 “*Photographic grade sodium carbonate, monohydrate — Specification*”, published by the International Organization for Standardization (ISO).

This British Standard forms one of a series of standards for photographic chemicals used in the processing of sensitized photographic materials; the others in the series are as follows.

BS 3103, *Specification for photographic grade hydroquinone (p-dihydroxybenzene)*. [ISO 423]

BS 3105, *Specification for photographic grade p-methylaminophenol sulphate (metol)*. [ISO 422]

BS 3230, *Specification for photographic grade 1-phenyl-3-pyrazolidinone (Phenidone)*. [ISO 3299]

BS 3301, *Specification for photographic grade sodium thiosulphate, crystalline*. [ISO 419]

BS 3302, *Specification for photographic grade sodium thiosulphate, anhydrous*. [ISO 3300]

BS 3303, *Sodium sulphite hydrated, photographic grade*.

BS 3304, *Specification for photographic grade sodium sulphite, anhydrous*. [ISO 418]

BS 3305, *Specification for photographic grade sodium carbonate, anhydrous*. [ISO 424]

BS 3306, *Specification for photographic grade potassium metabisulphite*. [ISO 3629]

BS 3307, *Specification for photographic grade potassium bromide*. [ISO 420]

BS 3308, *Specification for photographic grade sodium hydroxide*. [ISO 3617]

BS 3309, *Specification for photographic grade benzotriazole*. [ISO 3618]

BS 3310, *Specification for photographic grade ammonium thiosulphate solution*. [ISO 3619]

BS 3311, *Specification for photographic grade sodium tetraborate, decahydrate (borax)*. [ISO 3621]

BS 3312, *Specification for photographic grade aluminium potassium sulphate, dodecahydrate (potash alum)*. [ISO 3620]

BS 3750, *Specification for photographic grade ammonium thiocyanate*. [ISO 3622]

BS 3751, *Specification for photographic grade potassium carbonate, anhydrous*. [ISO 3623]

BS 3752, *Specification for photographic grade potassium ferricyanide*. [ISO 3624]

BS 3753, *Specification for photographic grade potassium hydroxide*. [ISO 3625]

BS 3754, *Potassium sulphite anhydrous, photographic grade*.

BS 3833, *Specification for photographic grade potassium thiocyanate*. [ISO 3626]

BS 3834, *Specification for photographic grade sodium metabisulphite, anhydrous*. [ISO 3627]

BS 5565, *Specification for photographic grade boric acid*. [ISO 3628]

BS 5569, *Specification for photographic grade glacial acetic acid*. [ISO 3298]

BS 5571, *Specification for photographic grade sodium acetate, anhydrous*. [ISO 3943]

Terminology and conventions. The text of the International Standard has been approved as suitable for publication, without deviation, as a British Standard. Some terminology and certain conventions are not identical with those used in British Standards; attention is especially drawn to the following.

The comma has been used throughout as a decimal marker. In British Standards it is current practice to use a full point on the base.

Wherever the words “International Standard” appear, referring to this standard, they should be interpreted as “British Standard”.

Cross-references. For each of the International Standards referred to in the text, there is a corresponding British Standard; these are as listed below:

International Standard	Corresponding British Standard
ISO/R 385:1964	BS 846:1962 <i>Burettes and bulb burettes</i> (related: see note)
ISO 1042:1971	BS 1792:1960 <i>One-mark volumetric flasks</i> (related: see note)

NOTE The relevant technical requirements of BS 846 and BS 1792 are confirmed as being acceptable, for the purposes of this standard, by the committee responsible.

Additional information. Attention is also drawn to the following British Standard, for which there is no corresponding International Standard. Articles manufactured in accordance with that British Standard will be suitable for use in the appropriate parts of this standard.

BS 612:1966, *Nessler cylinders*.

A British Standard does not purport to include all the necessary provisions of a contract. Users of British Standards are responsible for their correct application.

Compliance with a British Standard does not of itself confer immunity from legal obligations.

Summary of pages

This document comprises a front cover, an inside front cover, pages i to iv, pages 1 to 6, an inside back cover and a back cover.

This standard has been updated (see copyright date) and may have had amendments incorporated. This will be indicated in the amendment table on the inside front cover.