

Method for

The determination of tar acids in black and white disinfectant fluids

Co-operating organizations

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

- Admiralty
- Association of British Chemical Manufacturers
- Association of Hospital Management Committees
- British Disinfectant Manufacturers' Association*
- London County Council*
- Ministry of Health
- Royal Society for the Promotion of Health
- War Office
- Individual Manufacturer

The Authority and the industrial organization 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:

- Association of Public Analysts
- Crown Agents for Oversea Governments and Administrations
- D.S.I.R., Laboratory of the Government Chemist
- Ministry of Aviation
- Pharmaceutical Society of Great Britain
- Society for Analytical Chemistry
- Society of Chemical Industry
- Standardization of Tar Products Tests Committee

This British Standard, having been approved by the Disinfectants Industry Standards Committee and endorsed by the Chairman of the Chemical Divisional Council, was published under the authority of the General Council on 29 August 1960

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Foreword

This standard makes reference to the following British Standards:

BS 135, BS 458, BS 805, *Specifications for benzene, xylenes and toluenes.*

BS 572, *Interchangeable conical ground glass joints.*

BS 593, *Laboratory thermometers.*

BS 604, *Graduated measuring cylinders.*

BS 676, *Flasks with graduated necks.*

BS 1752, *Specification for laboratory sintered or fritted filters including porosity grading.*

BS 1848, *Glass condensers.*

BS 2021, *Separating funnels.*

BS 2462, *Black and white disinfectant fluids.*

BS 2734, *Boiling flasks (narrow-necked), conical, flat bottom and round bottom.*

Water-miscible solutions and emulsions containing coal-tar acids have long been used for disinfectant purposes, and a British Standard (BS 2462)¹⁾ for such fluids was published in 1954. In recent years it has become common for manufacturers to use not only coal-tar acids but also similar acids derived from petroleum.

Moreover, some manufacturers include other active ingredients in the fluids.

To meet this situation, the British Disinfectant Manufacturers' Association has recommended that the terms *black disinfectant fluids* and *white disinfectant fluids* should be applied only to fluids containing coal-tar acids, or similar acids derived from petroleum, or mixtures of these; fluids containing other active ingredients should be designated *modified black* and *modified white* disinfectant fluids.

Within the limits of these definitions, the method specified in this British Standard is suitable for application to black and white disinfectant fluids, and the acids so determined are reported as *tar acids*.

The method has been developed by the British Disinfectant Manufacturers' Association, and the British Standards Institution wishes to acknowledge the courtesy of the Association in making available the text of the method.

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 and ii, 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.

¹⁾ BS 2462, "*Black and white disinfectant fluids*".