

INTERNATIONAL STANDARD

ISO
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Second edition
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Water quality — Determination of surfactants —

Part 1:

Determination of anionic surfactants by
measurement of the methylene blue index
(MBAS)

Qualité de l'eau — Dosage des agents de surface —

*Partie 1: Dosage des agents de surface anioniques par mesurage de
l'indice au bleu de méthylène (indice SABM)*



Reference number
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Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

Draft International Standards adopted by the technical committees are circulated to the member bodies for voting. Publication as an International Standard requires approval by at least 75 % of the member bodies casting a vote.

International Standard ISO 7875-1 was prepared by Technical Committee ISO/TC 147, *Water quality*, Subcommittee SC 2, *Physical, chemical, biochemical methods*.

This second edition cancels and replaces the first edition (ISO 7875-1:1984, of which it constitutes a technical revision).

ISO 7875 consists of the following parts, under the general title *Water quality — Determination of surfactants*:

- *Part 1: Determination of anionic surfactants by measurement of the methylene blue index (MBAS)*
- *Part 2: Determination of non-ionic surfactants using Dragendorff reagent*

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Introduction

Natural and synthetic anionic surface-active substances may be determined as methylene-blue active substances (MBAS); they are referred to as MBAS index, a summary parameter.