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Water quality — Calibration and evaluation of analytical methods and estimation of performance characteristics

Part 1:

Statistical evaluation of the linear calibration function

*Qualité de l'eau — Étalonnage et évaluation des méthodes d'analyse et estimation
des caractères de performance*

Partie 1: Évaluation statistique de la fonction linéaire d'étalonnage



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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 approval before their acceptance as International Standards by the ISO Council. They are approved in accordance with ISO procedures requiring at least 75 % approval by the member bodies voting.

International Standard ISO 8466-1 was prepared by Technical Committee ISO/TC 147, *Water quality*.

ISO 8466 consists of the following parts, under the general title *Water quality — Calibration and evaluation of analytical methods and estimation of performance characteristics*:

- *Part 1: Statistical evaluation of the linear calibration function*
- *Part 2: Calibration strategy for non-linear calibration functions*
- *Part 3: Method of standard addition*
- *Part 4: Estimation of limit of detection and limit of determination of an analytical basis method.*

Annex A of this part ISO 8466 is for information only.