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STANDARD

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**Acoustics — Determination of sound
absorption coefficient and impedance in
impedance tubes —**

Part 1:

Method using standing wave ratio

*Acoustique — Détermination du facteur d'absorption acoustique et
de l'impédance acoustique à l'aide du tube d'impédance —*

Partie 1: Méthode du taux d'ondes stationnaires

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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 10534-1 was prepared by Technical Committee ISO/TC 43, *Acoustics*, Subcommittee SC 2, *Building acoustics*.

ISO 10534 consists of the following parts, under the general title *Acoustics — Determination of sound absorption coefficient and impedance in impedance tubes*:

- *Part 1: Method using standing wave ratio*
- *Part 2: Method using two microphones*

Annexes A, B and C form an integral part of this part of ISO 10534. Annex D is for information only.