

# INTERNATIONAL STANDARD

**ISO**  
**6767**

First edition  
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## **Ambient air — Determination of the mass concentration of sulfur dioxide — Tetrachloromercurate (TCM)/pararosaniline method**

*Air ambiant — Détermination de la concentration en masse du dioxyde  
de soufre — Méthode au tétrachloromercurate (TCM) et à la  
pararosaniline*



Reference number  
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## **Foreword**

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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 6767 was prepared by Technical Committee ISO/TC 146, *Air quality*.

Annexes A and B form an integral part of this International Standard. Annex C is for information only.

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## Introduction

This International Standard is a guideline, based on the West-Gaeke method, for the determination of the mass concentration of sulfur dioxide in ambient air. In annex A, a test is given for the purity and purification of pararosaniline hydrochloride; in annex B, a determination is given for the mass concentration of sulfur dioxide present in the sodium disulfite solution used for routine checks; in annex C, a method is given for the recovery of mercury from fresh and used solutions.