
**Surface chemical analysis — X-ray
photoelectron spectroscopy —
Reporting of methods used for charge
control and charge correction**

*Analyse chimique des surfaces — Spectroscopie de photoélectrons
— Indication des méthodes mises en œuvre pour le contrôle et la
correction de la charge*

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ISO copyright office
CP 401 • Ch. de Blandonnet 8
CH-1214 Vernier, Geneva
Phone: +41 22 749 01 11
Email: copyright@iso.org
Website: www.iso.org

Published in Switzerland

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Foreword

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This document was prepared by Technical Committee ISO/TC 201, *Surface chemical analysis*, Subcommittee SC 7, *Electron spectroscopies*.

This second edition cancels and replaces the first edition (ISO 19318:2004), which has been technically revised.

The main changes compared to the previous edition are as follows:

- [Clause 7](#) has been reorganized and [7.7](#) (effectiveness of charge control) has been updated;
- [Annex A](#) has been updated, in particular [A.2.1](#) (specimen damage), [A.2.5.2](#) (specimen isolation) and [A.3.3](#) (adventitious-hydrocarbon referencing);
- up-to-date bibliographical references have been added throughout the document.

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