



**International  
Standard**

**ISO 18118**

**Surface chemical analysis — Auger  
electron spectroscopy and X-ray  
photoelectron spectroscopy —  
Guide to the use of experimentally  
determined relative sensitivity  
factors for the quantitative analysis  
of homogeneous materials**

*Analyse chimique des surfaces — Spectroscopie des électrons  
Auger et spectroscopie de photoélectrons — Lignes directrices  
pour l'utilisation de facteurs expérimentaux de sensibilité relative  
pour l'analyse quantitative de matériaux homogènes*

**Third edition  
2024-02**



**COPYRIGHT PROTECTED DOCUMENT**

© ISO 2024

All rights reserved. Unless otherwise specified, or required in the context of its implementation, no part of this publication may be reproduced or utilized otherwise in any form or by any means, electronic or mechanical, including photocopying, or posting on the internet or an intranet, without prior written permission. Permission can be requested from either ISO at the address below or ISO's member body in the country of the requester.

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

Published in Switzerland