
**Water quality — Determination of
dissolved bromate — Method using ion
chromatography (IC) and post column
reaction (PCR)**

*Qualité de l'eau — Détermination du bromate dissous — Méthode utilisant
la chromatographie ionique (IC) et la réaction post-colonne (PCR)*





COPYRIGHT PROTECTED DOCUMENT

© ISO 2011

All rights reserved. Unless otherwise specified, no part of this publication may be reproduced or utilized in any form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from either ISO at the address below or ISO's member body in the country of the requester.

ISO copyright office
Case postale 56 • CH-1211 Geneva 20
Tel. + 41 22 749 01 11
Fax + 41 22 749 09 47
E-mail copyright@iso.org
Web www.iso.org

Published in Switzerland

Contents

Page

| | |
|---|-----------|
| Foreword | iv |
| 1 Scope | 1 |
| 2 Normative references | 1 |
| 3 Interferences | 1 |
| 4 Principle | 1 |
| 5 Reagents | 2 |
| 6 Apparatus | 4 |
| 7 Quality requirements | 5 |
| 7.1 Separator column | 5 |
| 7.2 PCR conditions | 6 |
| 7.3 Chromatographic and PCR conditions for the chromatogram shown in Figure 3 | 7 |
| 7.4 Chromatographic and PCR conditions for the chromatogram shown in Figure 4 | 8 |
| 8 Sampling and sample pretreatment | 9 |
| 9 Procedure | 10 |
| 9.1 General | 10 |
| 9.2 Calibration | 10 |
| 9.3 Measurement of bromate | 10 |
| 9.4 Chlorite removal | 10 |
| 9.5 Validity check of the calibration function | 11 |
| 10 Calculation | 11 |
| 11 Expression of results | 11 |
| 12 Test report | 11 |
| Annex A (informative) Precision data | 12 |
| Bibliography | 15 |