
**Water quality — Determination of
16 polycyclic aromatic hydrocarbons
(PAH) in water — Method using gas
chromatography with mass spectrometric
detection (GC-MS)**

*Qualité de l'eau — Détermination de 16 hydrocarbures aromatiques
polycycliques (HAP) dans l'eau — Méthode par chromatographie en
phase gazeuse avec détection par spectrométrie de masse (CG-SM)*





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
Introduction.....	v
1 Scope	1
2 Normative references	1
3 Terms and definitions	1
4 Principle	2
5 Interferences	4
6 Reagents	4
7 Apparatus	7
8 Sampling	8
9 Procedure	8
10 Calibration	11
11 Measurement of samples.....	12
12 Identification	12
13 Calculation	14
14 Expression of results	16
15 Test report.....	17
Annex A (informative) Examples for GC-MS conditions.....	18
Annex B (informative) Precision and accuracy.....	19
Annex C (informative) Examples of the construction of special apparatus	22
Annex D (informative) Example of chromatograms	24
Annex E (informative) Extraction with extraction disks.....	26
Bibliography.....	27