

INTERNATIONAL
STANDARD

ISO
17289

First edition
2014-07-01

**Water quality — Determination of
dissolved oxygen — Optical sensor
method**

*Qualité de l'eau — Dosage de l'oxygène dissous — Méthode optique à
la sonde*



Reference number
ISO 17289:2014(E)

© ISO 2014



COPYRIGHT PROTECTED DOCUMENT

© ISO 2014

All rights reserved. Unless otherwise specified, 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
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 Principle	1
4 Interferences	2
5 Reagents	2
6 Apparatus	2
7 Procedure	3
7.1 Sampling	3
7.2 Measuring technique and precautions to be taken	3
7.3 Calibration	4
7.4 Determination	4
8 Calculation and expression of results	5
8.1 Dissolved oxygen concentration	5
8.2 Dissolved oxygen expressed as percentage saturation	5
9 Test report	5
Annex A (informative) Physico-chemical data of oxygen in water	7
Annex B (informative) Performance data	13
Bibliography	14