

ISBN 978-0-626-26146-7

SANS 19250:2011

Edition 1

ISO 19250:2010

Edition 1

SOUTH AFRICAN NATIONAL STANDARD

Water quality — Detection of *Salmonella* spp.

This national standard is the identical implementation of ISO 19250:2010 and is adopted with the permission of the International Organization for Standardization.

SANS 19250:2011

Edition 1

ISO 19250:2010

Edition 1

Table of changes

Change No.	Date	Scope

National foreword

This South African standard was approved by National Committee SABS SC 147B, *Water – Microbiological and biological treatment and assessment of water*, in accordance with procedures of the SABS Standards Division, in compliance with annex 3 of the WTO/TBT agreement.

This SANS document was published in July 2011.

SANS 19250:2011
**INTERNATIONAL
STANDARD**

**ISO
19250**

First edition
2010-07-15

**Water quality — Detection of *Salmonella*
spp.**

Qualité de l'eau — Recherche de Salmonella spp.



Reference number
ISO 19250:2010(E)

© ISO 2010

PDF disclaimer

This PDF file may contain embedded typefaces. In accordance with Adobe's licensing policy, this file may be printed or viewed but shall not be edited unless the typefaces which are embedded are licensed to and installed on the computer performing the editing. In downloading this file, parties accept therein the responsibility of not infringing Adobe's licensing policy. The ISO Central Secretariat accepts no liability in this area.

Adobe is a trademark of Adobe Systems Incorporated.

Details of the software products used to create this PDF file can be found in the General Info relative to the file; the PDF-creation parameters were optimized for printing. Every care has been taken to ensure that the file is suitable for use by ISO member bodies. In the unlikely event that a problem relating to it is found, please inform the Central Secretariat at the address given below.



COPYRIGHT PROTECTED DOCUMENT

© ISO 2010

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	2
4 Principle.....	2
4.1 General	2
4.2 Pre-enrichment in non-selective liquid medium	2
4.3 Enrichment in selective liquid media	2
4.4 Plating out and recognition	3
4.5 Confirmation	3
5 Apparatus	3
6 Sampling.....	4
7 Culture media and reagents	4
8 Procedure	5
8.1 Preparation of the sample	5
8.2 Non-selective pre-enrichment.....	5
8.3 Selective enrichment.....	5
8.4 Plating out	6
8.5 Confirmation	6
9 Expression of results	9
10 Test report.....	9
Annex A (normative) Diagram of procedure	10
Annex B (normative) Composition and preparation of culture media and reagents.....	11
Annex C (informative) Results of the interlaboratory trial	18
Bibliography.....	23