
Meat and meat products — Detection and enumeration of *Enterobacteriaceae* without resuscitation — MPN technique and colony-count technique

Viande et produits à base de viande — Recherche et dénombrement des Enterobacteriaceae sans ressuscitation — Technique de NPP et technique de comptage de colonies



Contents

1 Scope	1
2 Normative references	1
3 Definitions	2
4 Principle.....	2
4.1 Preparation of dilutions	2
4.2 Detection of <i>Enterobacteriaceae</i> in a specified quantity of sample	2
4.3 Enumeration of <i>Enterobacteriaceae</i>	2
5 Diluent, culture media and reagent.....	3
5.1 General.....	3
5.2 Diluent.....	3
5.3 Culture media	3
5.4 Oxidase reagent	6
6 Apparatus and glassware	6
7 Sampling.....	7
8 Preparation of test sample.....	7
9 Procedure	7
9.1 Test portion	7
9.2 Detection.....	7

© ISO 1997

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 the publisher.

International Organization for Standardization
Case postale 56 • CH-1211 Genève 20 • Switzerland
Internet central@iso.ch
X.400 c=ch; a=400net; p=iso; o=isocs; s=central

Printed in Switzerland

9.3 MPN technique	7
9.4 Colony-count technique	8
9.5 Confirmation	8
10 Expression of results	9
10.1 Detection of <i>Enterobacteriaceae</i> in a specified quantity of sample.	9
10.2 Calculation of the most probable number (MPN)	9
10.3 Calculation of colony count	9
10.4 Precision.....	11
11 Test report	11
Annex A (normative) Determination of most probable number	12
Annex B (normative) Confidence limits for the estimation of small numbers of colonies.....	14
Annex C (informative) Bibliography	15