

ISO 16654:2001-05 (E)

Microbiology of food and animal feeding stuffs - Horizontal method for the detection of Escherichia coli O157

Contents		Page
Foreword		iv
Introduction		v
1	Scope	1
2	Normative references	1
3	Term and definition	1
4	Principle	2
5	Culture media, reagents and antisera	2
6	Apparatus and glassware	7
7	Sampling	8
8	Preparation of test sample	8
9	Procedure (see annex A)	8
9.1	Test portion and initial suspension	8
9.2	Enrichment	8
9.3	Immunomagnetic separation (IMS)	8
9.4	Plating out onto selective agars and identification of E. coli O157 colonies	9
9.5	Confirmation	10
9.6	Further characterization	11
10	Quality assurance	11
10.1	Test strains for quality assurance purposes	11
10.2	Culture method	11
11	Expression of results	11
12	Test report	11
Annex A (normative) Diagram of procedure		12
Bibliography		13