

# ISO 21150:2006-04 (E)

## Cosmetics - Microbiology - Detection of Escherichia coli

---

<b>Contents</b>		<b>Page</b>
Foreword .....		iv
Introduction .....		v
1	Scope .....	1
2	Normative references .....	1
3	Terms and definitions .....	1
4	Principle .....	2
5	Diluents and culture media .....	2
5.1	General .....	2
5.2	Diluent for the bacterial suspension (tryptone sodium chloride solution) .....	3
5.3	Culture media .....	3
6	Apparatus and glassware .....	6
7	Strains of microorganisms .....	6
8	Handling of cosmetic products and laboratory samples .....	6
9	Procedure .....	6
9.1	General recommendations .....	6
9.2	Preparation of the initial suspension in the enrichment broth .....	6
9.3	Incubation of the inoculated enrichment broth .....	7
9.4	Detection and identification of Escherichia coli .....	7
10	Expression of the results (detection of Escherichia coli) .....	8
11	Neutralization of the antimicrobial properties of the product .....	8
11.1	General .....	8
11.2	Preparation of inoculum .....	9
11.3	Validation of the detection method .....	9
12	Test report .....	10
Annex A (informative) Other enrichment broths .....		11
Annex B (informative) Neutralizers of antimicrobial activity of preservatives and rinsing liquids .....		14
Bibliography .....		15