

DIN EN ISO 21150:2016-05 (E)

Cosmetics - Microbiology - Detection of Escherichia coli (ISO 21150:2015)

Contents		Page
European foreword		3
Foreword		4
Introduction		5
1	Scope	6
2	Normative references	6
3	Terms and definitions	6
4	Principle	7
5	Diluents and culture media	7
5.1	General	7
5.2	Diluent for the bacterial suspension (tryptone sodium chloride solution)	8
5.3	Culture media	8
6	Apparatus and glassware	11
7	Strains of microorganisms	11
8	Handling of cosmetic products and laboratory samples	11
9	Procedure	11
9.1	General recommendation	11
9.2	Preparation of the initial suspension in the enrichment broth	11
9.3	Incubation of the inoculated enrichment broth	12
9.4	Detection and identification of Escherichia coli	12
10	Expression of the results (detection of Escherichia coli)	13
11	Neutralization of the antimicrobial properties of the product	13
11.1	General	13
11.2	Preparation of inoculum	13
11.3	Suitability of the detection method	13
12	Test report	14
Annex A (informative) Other enrichment broths		15
Annex B (informative) Neutralizers of antimicrobial activity of preservatives and rinsing liquids		18
Bibliography		19