

ISO/TR 19838:2016-05 (E)

Microbiology - Cosmetics - Guidelines for the application of ISO standards on Cosmetic Microbiology

Contents		Page
Foreword		iv
Introduction		v
1	Scope	1
2	Terms and definitions	1
3	Microbial content	2
3.1	General requirements	2
3.2	Enumeration of mesophilic microorganisms (bacteria, yeasts and moulds)	3
3.3	Detection of specified microorganisms	3
3.4	Detection of specified and non-specified microorganisms	4
4	Antimicrobial preservation	5
4.1	General requirements	5
4.2	Evaluation of the preservation of a cosmetic formulation	5
4.3	Evaluation of the preservation of a cosmetic product	6
5	Examples of microbial content results	6
5.1	General	6
5.2	Eye make-up remover	6
5.3	Mascara	6
5.4	Face cream	7
5.5	Shampoo	8
6	Examples of interpretation of preservation efficacy test results	8
	Annex A (informative) Relationship between the ISO cosmetic microbiology standards	11
	Annex B (informative) Relationship between the ISO standards dealing with the microbial content of cosmetics	12
	Annex C (informative) Evaluation of the microbial content of a cosmetic product	13
	Annex D (informative) Interpretation of test results	14
	Bibliography	15