

ISO 7889:2026-01 (E)

Yoghurt - Enumeration of characteristic microorganisms - Colony-count technique

Contents		Page
Foreword		iv
Introduction		vi
1	Scope	1
2	Normative references	1
3	Terms and definitions	1
4	Principle	2
4.1	General	2
4.2	Preparation of dilutions	2
4.3	Inoculation	2
4.3.1	L. bulgaricus	2
4.3.2	S. thermophilus	2
4.4	Incubation	3
4.4.1	L. bulgaricus	3
4.4.2	S. thermophilus	3
4.5	Enumeration and confirmation	3
5	Culture media and reagents	3
6	Equipment and consumables	3
7	Sampling	4
8	Preparation of test sample	4
9	Procedure	4
9.1	Test portion, initial suspension and dilutions	4
9.2	Pour plates: Inoculation and incubation	4
9.3	Spread plates: Inoculation and incubation	5
9.4	Counting of colonies	5
9.5	Confirmation (optional)	5
10	Expression of results	6
11	Validation of the method	6
11.1	Validation in accordance with ISO 17468	6
11.2	Performance characteristics	6
12	Test report	7
13	Quality assurance	7
Annex A (informative) Flow diagram of the main steps of the procedures		8
Annex B (normative) Culture media and reagents		9
Annex C (informative) Performance characteristics of the method		13
Bibliography		15