

DIN EN ISO 29981:2026-06 (E)

Milk products - Enumeration of bifidobacteria - Colony-count technique (ISO 29981:2024)

Contents		Page
Foreword		iv
Introduction		vi
1 Scope		1
2 Normative references		1
3 Terms and definitions		2
4 Principle		2
4.1 General.....		2
4.2 Preparation of initial suspension and decimal dilutions.....		2
4.3 Isolation and selection for confirmation.....		2
4.4 Confirmation.....		2
4.5 Calculation.....		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 General.....		4
9.2 Preparation of the test portion and primary dilution.....		4
9.2.1 Dried milk products (e.g. infant milk formulae) including dehydrated starter and probiotic cultures.....		4
9.2.2 Non-dried fermented (e.g. yoghurt) and non-fermented milk-based products (e.g. pasteurized milks).....		4
9.3 Microscopic examination of initial suspension or primary dilution (optional).....		5
9.4 Preparation of decimal dilution series.....		5
9.5 Inoculation and incubation.....		5
9.6 Counting of colonies.....		5
9.7 Confirmation.....		6
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 (normative) Flow diagram of the procedure		8
Annex B (normative) Culture media and reagents		9
Annex C (informative) Performance characteristics of the method		13
Bibliography		15