

DIN EN ISO 21871:2006-04 (E)

Microbiology of food and animal feeding stuffs - Horizontal method for the determination of low numbers of presumptive *Bacillus cereus* - Most probable number technique and detection method (ISO 21871:2006)

Contents	Page
Foreword	2
Introduction	4
1 Scope	5
2 Normative references	5
3 Terms and definitions	5
4 Principle	6
4.1 Enumeration method	6
4.2 Detection method	6
5 Diluent, culture media and reagents	6
5.1 General	6
5.2 Diluent	6
5.3 Liquid selective enrichment medium: Tryptone soya polymyxin broth (TSPB)	7
5.4 Solid selective medium: Polymyxin pyruvate egg yolk mannitol bromothymol blue agar (PEMBA)	8
5.5 Solid selective medium: Mannitol egg yolk polymyxin agar (MYP)	10
5.6 Staining solutions for microscopic identification	11
5.7 Sheep blood agar	12
6 Apparatus and glassware	12
7 Sampling	13
8 Preparation of test sample	13
9 Procedure	13
9.1 Enumeration method	13
9.2 Detection method	15
10 Calculation and expression of results	16
10.1 Enumeration method for the determination of the most probable number (MPN)	16
10.2 Detection method	16
11 Test report	16
Annex A (normative) Diagram of enumeration procedure	17
Bibliography	18