

DIN EN ISO 4833-1:2022-05 (E)

Microbiology of the food chain - Horizontal method for the enumeration of microorganisms - Part 1: Colony count at 30 °C by the pour plate technique (ISO 4833-1:2013 + Amd 1:2022) (includes Amendment A1:2022)

Contents	Page
Foreword.....	3
[A1] European foreword to Amendment [A1]	4
[A1] Foreword to Amendment [A1]	5
1 Scope	6
2 Normative references	6
3 Terms and definitions	6
4 Principle	7
5 Culture media and diluents	7
5.1 General	7
5.2 Diluents	7
5.3 Agar medium: plate count agar (PCA)	7
5.4 Overlay medium (if necessary; see 9.2.7)	8
6 Apparatus	9
7 Sampling	9
8 Preparation of test sample	9
9 Procedure	9
9.1 Test portion, initial suspension and dilutions	9
9.2 Inoculation and incubation	9
9.3 Counting of colonies	10
10 Expression of results	10
10.1 Method of calculation	10
10.2 Precision	10
10.3 Interpretation of test results	11
11 Test report	12
Annex A (informative) Use of the critical difference for the interpretation of results	13
Bibliography	14