

DIN EN ISO 4833-2



ICS 07.100.30; 65.120

Supersedes
DIN EN ISO 4833-2:2013-12

**Microbiology of the food chain –
Horizontal method for the enumeration of microorganisms –
Part 2: Colony count at 30 degrees C by the surface plating technique
(ISO 4833-2:2013 + Cor. 1:2014);
English version EN ISO 4833-2:2013 + AC:2014,
English translation of DIN EN ISO 4833-2:2014-05**

Mikrobiologie der Lebensmittelkette –
Horizontales Verfahren für die Zählung von Mikroorganismen –
Teil 2: Koloniezählung bei 30 °C mittels Oberflächenverfahren (ISO 4833-2:2013 +
Cor. 1:2014);
Englische Fassung EN ISO 4833-2:2013 + AC:2014,
Englische Übersetzung von DIN EN ISO 4833-2:2014-05

Microbiologie de la chaîne alimentaire –
Méthode horizontale pour le dénombrement des micro-organismes –
Partie 2: Comptage des colonies à 30 degrés C par la technique d'ensemencement en
surface (ISO 4833-2:2013 + Cor. 1:2014);
Version anglaise EN ISO 4833-2:2013 + AC:2014,
Traduction anglaise de DIN EN ISO 4833-2:2014-05

Document comprises 19 pages

Translation by DIN-Sprachendienst.

In case of doubt, the German-language original shall be considered authoritative.



A comma is used as the decimal marker.

National foreword

This document (EN ISO 4833-2:2013) has been prepared by Technical Committee ISO/TC 34 “Food products” (Secretariat: AFNOR, France/ABNT, Brazil), Subcommittee SC 9 “Microbiology” (Secretariat: AFNOR, France) in collaboration with Technical Committee CEN/TC 275 “Food analysis — Horizontal methods” (Secretariat: DIN, Germany). Based on the results of parallel voting, ISO 4833-2:2013 has been adopted as a European Standard.

The responsible German body involved in its preparation was the *Normenausschuss Lebensmittel und landwirtschaftliche Produkte* (Food and Agricultural Products Standards Committee), Working Committee NA 057-01-06 AA *Mikrobiologische Lebensmitteluntersuchung einschließlich Schnellverfahren*.

ISO/TC 34/SC 9 decided to revise and subdivide EN ISO 4833 into two parts. EN ISO 4833 Part 1 specifies a horizontal method for the enumeration of microorganisms at 30 °C by the pour plate technique and supersedes EN ISO 4833:2003. EN ISO 4833 Part 2 specifies a horizontal method for the enumeration of microorganisms at 30 °C by the surface plating technique.

DIN EN ISO 4833 consists of the following parts, under the general title *Microbiology of the food chain — Horizontal method for the enumeration of microorganisms*:

- *Part 1: Colony count at 30 °C by the pour plate technique*
- *Part 2: Colony count at 30 °C by the surface plating technique*

The DIN Standards corresponding to the International Standards referred to in this document are as follows:

ISO 6887 (all parts)	DIN EN ISO 6887 (all parts)
ISO 7218	DIN EN ISO 7218
ISO 11133	DIN EN ISO 11133

Amendments

This standard differs from DIN EN ISO 4833:2003-06 as follows:

- a) Clause 1 “Scope” has been rendered more precise and specifies in detail the application of the surface plating technique;
- b) colony count at 30 °C by the surface plating technique has been added as a new technique.

Compared with DIN EN ISO 4833-2:2013-12, the following correction has been made:

- a) in Subclause 5.3.1, first line, “Enzymatic digest of animal tissues” has been replaced by “Enzymatic digestion of casein”.

Previous editions

DIN10192-1: 1981-01, 1984-04
DIN EN ISO 4833: 2003-06, 2013-12
DIN EN ISO 4833-2: 2013-12

National Annex NA (informative)

Bibliography

DIN EN ISO 6887 (all parts), *Microbiology of food and animal feeding stuffs — Preparation of the test samples, of initial suspension and of decimal dilutions for microbiological examination*

DIN EN ISO 7218, *Microbiology of food and animal feeding stuffs — General requirements and guidance for microbiological examinations*

DIN EN ISO 11133, *Microbiology of food, animal feed and water — Preparation, production, storage and performance testing of culture media*

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