

DIN EN ISO 21528-1



ICS 07.100.30

Supersedes
DIN ISO 21528-1:2009-12

**Microbiology of the food chain –
Horizontal method for the detection and enumeration of
Enterobacteriaceae –
Part 1: Detection of *Enterobacteriaceae* (ISO 21528-1:2017);
English version EN ISO 21528-1:2017,
English translation of DIN EN ISO 21528-1:2017-09**

Mikrobiologie der Lebensmittelkette –
Horizontales Verfahren für den Nachweis und die Zählung von *Enterobacteriaceae* –
Teil 1: Nachweis von *Enterobacteriaceae* (ISO 21528-1:2017);
Englische Fassung EN ISO 21528-1:2017,
Englische Übersetzung von DIN EN ISO 21528-1:2017-09

Microbiologie de la chaîne alimentaire –
Méthode horizontale par la recherche et le dénombrement des *Enterobacteriaceae* –
Partie 1: Recherche des *Enterobacteriaceae* (ISO 21528-1:2017);
Version anglaise EN ISO 21528-1:2017,
Traduction anglaise de DIN EN ISO 21528-1:2017-09

Document comprises 26 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 21528-1:2017) has been prepared by Technical Committee ISO/TC 34 “Food products” in collaboration with Technical Committee CEN/TC 275 “Food analysis — Horizontal methods” (Secretariat: DIN, Germany).

The responsible German body involved in its preparation was *DIN-Normenausschuss Lebensmittel und landwirtschaftliche Produkte* (DIN Standards Committee Food and Agricultural Products), Working Committee NA 057-01-06 AA “Microbiology of the food chain”.

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
ISO 13307	DIN EN ISO 13307
ISO 17468	DIN EN ISO 17468
ISO 17604	DIN EN ISO 17604
ISO/TS 17728	DIN CEN ISO/TS 17728 (DIN SPEC 10053)
ISO 18593	DIN ISO 18593

Amendments

This standard differs from DIN ISO 21528-1:2009-12 as follows:

- a) the MPN method has become an informative Annex A;
- b) the pre-enrichment step in BPW followed by enrichment in EE broth has been changed to enrichment in BPW and confirmation now takes place in Glucose OF medium instead of using glucose agar;
- c) performance testing for the quality assurance of the culture media has been included;
- d) performance characteristics for this method have been added to Annex C.

Previous editions

DIN ISO 21528-1: 2009-12

National Annex NA (informative)

Bibliography

DIN CEN ISO/TS 17728 (DIN SPEC 10053), *Microbiology of the food chain — Sampling techniques for microbiological analysis of food and feed samples*

DIN EN ISO 6887 (all parts), *Microbiology of the food chain — Preparation of test samples, initial suspension and 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*

DIN EN ISO 13307, *Microbiology of food and animal feed — Primary production stage — Sampling techniques*

DIN EN ISO 17468, *Microbiology of the food chain — Technical requirements and guidance on establishment or revision of a standardized reference method*

DIN EN ISO 17604, *Microbiology of the food chain — Carcass sampling for microbiological analysis*

DIN ISO 18593, *Microbiology of food and animal feeding stuffs — Horizontal methods for sampling techniques from surfaces using contact plates and swabs*