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Microbiology of the food chain — Sampling techniques for microbiological analysis of food and feed samples

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A list of organizations represented on this committee can be obtained on request to its secretary.

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English Version

Microbiology of the food chain - Sampling techniques for microbiological analysis of food and feed samples (ISO/TS 17728:2015)

Microbiologie de la chaîne alimentaire - Techniques de prélèvement pour l'analyse microbiologique d'échantillons d'aliments (ISO/TS 17728:2015)

Mikrobiologie der Lebensmittelkette - Probenahmetechniken für die mikrobiologische Untersuchung von Lebens- und Futtermittelproben (ISO/TS 17728:2015)

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European foreword

This document (CEN ISO/TS 17728:2015) has been prepared by CEN/TC 275 “Food analysis - Horizontal methods” the secretariat of which is held by DIN, in collaboration with Technical Committee ISO/TC 34 “Food products”.

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Document Sharing Hub

Full document details: PD CEN ISO/TS 17728:2015

Contents

Page

Foreword ... **iv**
Introduction ... **v**
1 Scope ... **1**
2 Normative references ... **1**
3 Terms and definitions ... **1**
3.1 Sampling ... 1
3.2 Samples ... 2
3.3 Products ... 3
3.4 Sample handling ... 3
4 Principles and general requirements ... **4**
5 Sampling plan ... **4**
6 Personnel ... **5**
6.1 General arrangements ... 5
6.2 Sampling personnel (samplers) ... 5
7 Sampling techniques ... **5**
7.1 Equipment ... 5
7.2 Sampling techniques: General protocol ... 6
7.2.1 Bulk products (liquids, solids, powders, granules, etc.) ... 6
7.2.2 Packaged products (refrigerated, frozen, or ambient) ... 7
7.2.3 Refrigerated products ... 7
7.2.4 Separated frozen products ... 7
7.2.5 Blocks of frozen products (e.g. meat or fish) ... 8
7.2.6 Ambient products ... 8
7.2.7 Hot products ... 8
7.2.8 Consumer portions in restaurants ... 9
7.3 Sampling techniques for specific products ... 9
7.3.1 Live shellfish (bivalve molluscs, gastropods, echinoderms, and tunicates) ... 9
7.3.2 Fruits and vegetables, spices and herbs, coffee, tea, etc. ... 10
7.3.3 Whole eggs ... 10
7.3.4 Canned food ... 10
7.3.5 Feeds ... 10
7.3.6 Special cases, e.g. neck skin of poultry or carcass rinses ... 10
7.3.7 Spoiled samples ... 10
7.3.8 Sampling with automatic apparatus ... 10
8 Packing and labelling of samples ... **11**
9 Preparation of a sampling form (sampling report) ... **11**
10 Transport ... **11**
10.1 Apparatus and equipment ... 12
10.1.1 Refrigerators, freezers, cool boxes, boxes or containers, cold packs ... 12
10.1.2 Temperature-monitoring equipment ... 12
10.2 Transport protocol ... 12
10.2.1 Transport by the laboratory ... 13
10.2.2 Transport by a contractor or courier ... 13
11 Reception at the laboratory ... **14**
Annex A (informative) **Flow chart of sampling** ... **15**
Annex B (informative) **Method for sampling a frozen piece or block (from ISO 6887-1)** ... **16**
Bibliography ... **17**

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Foreword

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ISO/TS 17728 was prepared by the European Committee for Standardization (CEN) in collaboration with ISO/TC 34, *Food products*, Subcommittee SC 9, *Microbiology*, in accordance with the Agreement on technical cooperation between ISO and CEN (Vienna Agreement).

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Introduction

Some information on sampling techniques given in this Technical Specification is intended as guidance only; other parts are mandatory.

For some aspects of sampling, agreements and/or contracts with laboratory clients are necessary to ensure the method and extent of sampling to meet their requirements.

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Microbiology of the food chain — Sampling techniques for microbiological analysis of food and feed samples

1 Scope

This Technical Specification applies to the collection of samples before submission to the laboratory for microbiological examination. It provides general instructions and specific requirements for obtaining samples and for transport to the laboratory.

Sampling plans are not included in the scope of this Technical Specification.

This Technical Specification applies to all food and feed products, including blocks of frozen products, carcasses (excluding surface sampling of carcasses), meat, and bulk products.

The following sample types are outside the scope of this Technical Specification:

— milk and dairy products (see ISO 707);

— surface sampling of carcasses (see ISO 17604);

— samples from environmental surfaces (see ISO 18593);

— samples from the primary production stage (see ISO 13307).

2 Normative references

The following documents, in whole or in part, are normatively referenced in this document and are indispensable for its application. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

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

3 Terms and definitions

For the purposes of this document, the terms and definitions given in ISO 7002 and the following apply.

3.1 Sampling

3.1.1
sampling
procedure used to draw and constitute a sample

[SOURCE: ISO 7002:1986, A.41]

3.1.2
sampling plan
predetermined procedure for the selection, withdrawal, and preparation of samples from a lot to yield the required information so that a decision can be made regarding the acceptance of the lot

[SOURCE: ISO 7002:1986, A.43]

3.1.3
sampling technique
procedure used to take the sample

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