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English Version

Traceability in the feed and food chain - General principles and
basic requirements for system design and implementation (ISO
22005:2007)

Traçabilité de la chaîne alimentaire - Principes généraux et
exigences fondamentales s'appliquant à la conception du
système et à sa mise en oeuvre (ISO 22005:2007)

Rückverfolgbarkeit in der Futter- und Lebensmittelkette -
Allgemeine Grundsätze und grundlegende Anforderungen
für die Gestaltung und Verwirklichung von Systemen (ISO
22005:2007)

This European Standard was approved by CEN on 6 July 2007.

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EUROPEAN COMMITTEE FOR STANDARDIZATION
COMITÉ EUROPÉEN DE NORMALISATION
EUROPÄISCHES KOMITEE FÜR NORMUNG

Management Centre: rue de Stassart, 36 B-1050 Brussels

Foreword

This document (EN ISO 22005:2007) has been prepared by Technical Committee ISO/TC 34 "Agricultural food products" in collaboration with Technical Committee CEN/SS C01 "Food Products", the secretariat of which is held by CMC.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by January 2008, and conflicting national standards shall be withdrawn at the latest by January 2008.

According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Bulgaria, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland and United Kingdom.

Endorsement notice

The text of ISO 22005:2007 has been approved by CEN as EN ISO 22005:2007 without any modifications.

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**Traceability in the feed and food chain —
General principles and basic
requirements for system design and
implementation**

*Traçabilité de la chaîne alimentaire — Principes généraux et exigences
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Foreword

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International Standards are drafted in accordance with the rules given in the ISO/IEC Directives, Part 2.

The main task of technical committees is to prepare International Standards. Draft International Standards adopted by the technical committees are circulated to the member bodies for voting. Publication as an International Standard requires approval by at least 75 % of the member bodies casting a vote.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights.

ISO 22005 was prepared by Technical Committee ISO/TC 34, *Food products*.

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Introduction

A traceability system is a useful tool to assist an organization operating within a feed and food chain to achieve defined objectives in a management system.

The choice of a traceability system is influenced by regulations, product characteristics and customer expectations.

The complexity of the traceability system can vary depending on the features of the product and the objectives to be achieved.

The implementation by an organization of a traceability system depends on

- technical limits inherent to the organization and products (i.e. nature of the raw materials, size of the lots, collection and transport procedures, processing and packaging methods), and
- the cost benefits of applying such a system.

A traceability system on its own is insufficient to achieve food safety.

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Traceability in the feed and food chain — General principles and basic requirements for system design and implementation

1 Scope

This International Standard gives the principles and specifies basic requirements for the design and implementation of a feed and food traceability system. It can be applied by an organization operating at any step in the feed and food chain.

It is intended to be flexible enough to allow feed organizations and food organizations to achieve identified objectives.

The traceability system is a technical tool to assist an organization to conform with its defined objectives and is applicable when necessary to determine the history, or location of a product or its relevant components.

2 Normative references

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

ISO 22000:2005, *Food safety management systems — Requirements for any organization in the food chain*

3 Terms and definitions

For the purposes of this document, the terms and definitions given in ISO 22000 and the following apply.

3.1

product

result of a process

[ISO 9000:2005, definition 3.4.2]

NOTE Product may include packaging material.

3.2

process

set of interrelated or interacting activities which transforms inputs into outputs

NOTE 1 Inputs to a process are generally outputs of other processes.

NOTE 2 Processes in an organization (3.10) are generally planned and carried out under controlled conditions to add value.

NOTE 3 A process where the conformity of other resulting product (3.1) cannot be readily or economically verified is frequently referred to as a “special process”.

[ISO 9000:2005, definition 3.4.1]