

Foodstuffs — Methods of analysis for the detection of genetically modified organisms and derived products — Sampling strategies

ICS 67.050

National foreword

This Draft for Development was published by BSI. It is the UK implementation of CEN/TS 15568:2006.

This publication is not to be regarded as a British Standard.

It is being issued in the Draft for Development series of publications and is of a provisional nature. It should be applied on this provisional basis, so that information and experience of its practical application can be obtained.

Comments arising from the use of this Draft for Development are requested so that UK experience can be reported to the European organization responsible for its conversion to a European standard. A review of this publication will be initiated not later than 3 years after its publication by the European organization so that a decision can be taken on its status. Notification of the start of the review period will be made in an announcement in the appropriate issue of *Update Standards*.

According to the replies received by the end of the review period, the responsible BSI Committee will decide whether to support the conversion into a European Standard, to extend the life of the Technical Specification or to withdraw it. Comments should be sent to the Secretary of the responsible BSI Technical Committee at British Standards House, 389 Chiswick High Road, London W4 4AL.

The UK participation in its preparation was entrusted to Technical Committee AW/-/3, Food analysis — Horizontal methods.

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

This publication does not purport to include all the necessary provisions of a contract. Users are responsible for its correct application.

This Draft for Development was published under the authority of the Standards Policy and Strategy Committee on 31 May 2007

© BSI 2007

ISBN 978 0 580 50836 3

Amendments issued since publication

Amd. No.	Date	Comments

English Version

Foodstuffs - Methods of analysis for the detection of genetically modified organisms and derived products - Sampling strategies

Produits alimentaires - Méthodes d'analyse pour la
détection des organismes génétiquement modifiés et des
produits dérivés - Stratégies d'échantillonnage

Lebensmittel - Verfahren zum Nachweis von gentechnisch
modifizierten Organismen und ihren Produkten -
Probenahmestrategien

This Technical Specification (CEN/TS) was approved by CEN on 7 November 2006 for provisional application.

The period of validity of this CEN/TS is limited initially to three years. After two years the members of CEN will be requested to submit their comments, particularly on the question whether the CEN/TS can be converted into a European Standard.

CEN members are required to announce the existence of this CEN/TS in the same way as for an EN and to make the CEN/TS available promptly at national level in an appropriate form. It is permissible to keep conflicting national standards in force (in parallel to the CEN/TS) until the final decision about the possible conversion of the CEN/TS into an EN is reached.

CEN members are the national standards bodies of Austria, Belgium, 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.



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

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

Contents

Page

Foreword.....	3
Introduction	4
1 Scope	5
2 Normative references	5
3 Terms and definitions	5
4 Principle.....	6
5 Apparatus and equipment	7
6 Sampling of non-packed food products.....	7
7 Sampling of pre-packed units	9
8 Preparation of the analytical sample and the test portion	10
9 Packaging and labelling of laboratory samples	10
10 Dispatch of laboratory samples	11
11 Sampling report	11
Annex A (informative) Laboratory sample sizes of different cereals and oilseeds	13
Annex B (informative) Sampling scheme for consignments of more than 100 bags according to ISO 13690	14
Annex C (informative) Estimation of the number of particles in 100 mg test portions after ultra-centrifugal milling	15
Bibliography	16

Foreword

This document (CEN/TS 15568:2006) has been prepared by Technical Committee CEN/TC 275 “Food analysis - Horizontal methods”, the secretariat of which is held by DIN.

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

NOTE This document has been submitted to the Enquiry under reference number prEN 21568.

According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to announce this Technical Specification: Austria, Belgium, 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 the United Kingdom.

Introduction

Correct sampling is an operation that requires the most careful attention. Emphasis should be laid on the necessity of obtaining a representative sample of the goods under investigation.

If ad-hoc sampling of food products is undertaken without applying a sampling strategy and without considering the lot specific properties, the analytical result is only valid for the sample that has been analysed. It is not possible to extend the result to the rest of the lot.

By applying sampling strategies to assess the level of compliance of a given lot of products, a certain number of samples is taken, and the result of the analysis can be extended to the whole lot. The use of sampling strategies is the only effective way to make correct statements about the nature, in this case the GMO-content, of the product tested.

This Technical Specification has been established for food products, but could also be applied to other products, e.g. animal feed and plant samples from the environment.

NOTE In certain areas there are widely recognised trade associations which specify rules for the sampling strategies to be used in contracts under their auspices. In no case will this Technical Specification override the rules laid down in such contracts.