



Brussels, 3 July 2001

M 315 EN

**MANDATE FOR STANDARDISATION
ADDRESSED TO CEN
in the field of
METHODS OF ANALYSIS FOR ANIMAL FEEDINGSTUFFS**

1. MOTIVATION.

- 1.1 This mandate falls within the framework of the Council Directive 70/373/EEC of 20 July 1970 on the introduction of Community methods of sampling and analysis for the official control of feedingstuffs

This Directive requires that Member States shall take all measures necessary to ensure that official controls of feedingstuffs, for the purpose of checking compliance with requirements arising under provisions laid down by law, regulation or administrative action concerning the quality and composition of feedingstuffs, are carried out using the Community methods of sampling and analysis.

Following Directives contain provisions requiring methods of analysis:

- Council Directive 70/524/EEC of 23 November 1970 concerning additives in feedingstuffs
- Council directive 82/471/EEC of 30 June 1982 concerning certain products used in animal nutrition
- Council Directive 79/373/EEC of 2 April 1979 on the marketing of compound feedingstuffs
- Council Directive 93/74/EEC of 13 September 1993 on feedingstuffs intended for particular nutritional purposes
- Council Directive 96/25/EC of 29 April 1996 on the circulation of feed materials
- Council Directive 1999/29/EC of 22 April 1999 on the undesirable substances and products in animal nutrition.

- 1.2 The scope of the Council Directive 70/373/EEC of 20 July 1970 on the introduction of Community methods of sampling and analysis for the official control of feedingstuffs is the establishment of methods of analysis to control compliance with the provisions in Community law in the field of feedingstuffs. The Commission intends to propose an amendment to Council Directive 70/373/EEC of 20 July 1970 on the introduction of Community methods of sampling and analysis for the official control of feedingstuffs in order to ensure that CEN standards can be considered as official methods of analysis by reference for the official control of feedingstuffs. CEN standards can be considered as official methods of analysis to be used as reference for official control if they are as such referenced in Community law.
- 1.3 The establishment of standardized for methods of analysis is of utmost importance to guarantee a uniform application and control of the European legislation in all Member States. Standardized methods of analysis are an indispensable element in guaranteeing a high level of feed safety.

2. DESCRIPTION OF THE MANDATED WORK.

The Commission invites the CEN to establish methods of analysis in order to be able to control in a harmonised way the compliance with the provisions of Community legislation in the field of feedingstuffs (see the fields referred to in the programming mandate annex I) for:

a) the methods of analysis listed in the table in the Annex II. Column 4 of the table indicates the stage reached by the work already done by the CEN on its own initiative on some of these methods. Column 5 indicates the directives which set quantitative limits that must be checked by the methods of analysis covered by this order.

b) Any other methods of analysis in the field governed by the Community legislation on feedingstuffs if this is added to the table annexed to a future mandate by the Commission, after consultation of the Member States within the Standards and Technical Regulations Committee.

3. BODIES TO BE ASSOCIATED.

The elaboration of the standards should be undertaken in co-operation with the broadest possible range of interested groups, including international and European level associations, including the main industrial associations concerned (feed additive producers, compound feed manufacturers, ...) and representatives of European consumers and regulatory bodies. Co-operation with FEFANA (European Federation of feed additive producers), FEFAC (European federation of feedingstuff manufacturers), EMFEMA (minerals and trace elements), CEFIC (chemical industry), COCERAL (trade in feed materials), EAAP (European Association for Animal Production) is regarded as important. In particular, close co-operation with CEMA (Expert Committee Methods of Analysis for Feedingstuffs) is regarded as essential. The CEN will also invite the Commission to participate in the standardisation work covered by this order.

4. EXECUTION OF THE REQUEST.

- 4.1 The mandate will be carried out before December 2003 according to the programme described in Annex 2. This mandate could later be completed, if necessary. The programme itself could be adapted and/or completed depending on the progress made. The European standards bodies will transmit amendments to this programme to the Commission, which will inform the Committee on standards and technical regulations. The work to be undertaken and their results should be inter-connected, compatible and mutually acceptable to CEN.
- 4.2 CEN will have to present the draft standards mentioned above by the date specified in column 3 of the table in annex II. The European standards will have to be adopted by the agreed dates. On these dates, the three linguistic versions (DE, EN, FR) must be available as well as the correct titles in the other official Community languages.
- 4.3 The acceptance of this standardisation mandate by CEN will provide a more complete set of standardised methods of analysis and thereby contributing to a higher level of feed safety and to a proper functioning of the internal market.
- 4.4 To improve transparency, the CEN will inform the Commission of any new programme of activities, not covered by this order, planned on methods of analysis in the field of feedingstuffs
- 4.5 The CEN will keep the Commission informed of the measures taken to execute this order and of any difficulties, which arise in the process. By 30 November each year, the CEN will submit a progress report on the activities of the various working parties concerned by this order and will indicate the persons and bodies participating in the working parties' meetings and activities. In this context, the CEN will also indicate whether the standards adopted need to be adapted to technical progress.
- 4.6 The mandate covers the revision of adopted standards in accordance with this mandate according to the internal rules of the CEN
- 4.7. The standstill period referred to in Article 7 of Directive 98/34/EC of 22 June 1998 shall commence when the CEN accepts this standardisation mandate¹.

- Annexes :**
- I) GENERAL PRESENTATION OF THE PROGRAMME
 - II) STANDARDISATION PROGRAMME

¹ OJ L204 of 21.07.98, p.37, as amended by Directive 98/48/EC (OJ L 217 of 5.8.1998, p.18)

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CEN/TC 327

**"Animal feedingstuffs – methods of
Analysis"**

CEN/TC 327 N
October 2000

ANNEX I

**Directive concerning the introduction of Community methods of
sampling and analysis for the official control of feedingstuffs**

General presentation of the programme

Date : October 2000

Note : For examination and modification by the Project Team

Programming Mandate

CEN

methods of sampling and analysis for the control of feedingstuffs

Programming Proposal

The CEN are requested to draw up a standards programme for establishment of methods of analysis for the control of feedingstuffs. .

This programming falls within the framework of the Council Directive 70/373/EEC of 20 July 1970 on the introduction of Community methods of sampling and analysis for the official control of feedingstuffs and the intended amendment to it

Standards Programme Proposal

It is proposed to draw up the harmonised European standards programme covering the fields referred to in the programming mandate :

WI	Titles
00327001	Feed additives – coccidiostats and other medicinal substances
00327002	Feed additives – antioxidant substances
00327003	Feed additives – flavouring and appetising substances
00327004	Feed additives – Emulsifying and stabilising agents, thickeners and gelling agents
00327005	Feed additives – carotenoids and xantophylls
00327006	Feed additives – other colorants
00327008	Feed additives – Preservatives
00327009	Feed additives - vitamins, provitamins
00327010	Feed additives – trace elements
00327011	Feed additives – acidity regulators
00327012	Feed additives – enzymes
00327013	Feed additives – micro-organisms

00327015	Certain products - Proteins derived from micro-organisms
00327016	Certain products – non protein nitrogenous compounds (e.g. urea)
00327017	Certain products - amino acids
00327018	Compulsory declarations: crude protein, crude oils and fats, crude fibre, crude ash
00327019	Compulsory declarations: lysine, methionine, cystine, threonine, tryptophan
00327020	Compulsory declarations: energy value
00327021	Compulsory declarations: starch, total sugar (as sucrose), total sugar + starch
00327022	Compulsory declarations: calcium, sodium, phosphorous, magnesium, potassium, sulphur
00327023	Undesirable substances – substances (e.g. Arsenic, lead, mercury, cadmium, ...)
00327024	Undesirable substances – products (aflatoxin B1, gossypol, chlordane, endosulfan, pesticides, PCB)
00327025	Undesirable substances - Botanical impurities
00327026	Animal feed – Sampling methods and preliminary treatment of the sample

Justification of the proposed programme

In order to guarantee the safety of feedingstuffs and to ensure the free circulation of feed materials, feedingstuffs and feed additives in the European Union, it is of utmost importance to have standardised methods of analysis available.

The proposed work items contain provisions in the Community legislation for which the establishment of methods of analysis is required

Association of other bodies

Co-operation with FEFANA (European Federation of feed additive producers), FEFAC (European federation of feedingstuff manufacturers), EMFEMA (minerals and trace elements), CEFIC (chemical industry), COCERAL (trade in feed materials), EAAP (European Association for Animal Production) is regarded as essential.

In particular close co-operation with CEMA (Expert Committee Methods of Analysis for Feedingstuffs) is regarded as essential. This means e.g. that in case expert(s) of CEMA have particular experience and knowledge on a specific item, the Commission and CEMA can designate the expert(s) in question to participate fully as observer in the CEN standardisation process.

ANNEX II

**METHODS OF ANALYSIS READY TO BE ORDERED UNDER THIS
MANDATE**

N.	Title	Deadlines for EN	Stage at CEN level	
(1)	(2)	(3)	(4)	(5)
1	Determination of sugar content, HPLC method		New item	Wi 00327021 Council Directive 96/25/EC of 29 April 1996 on the circulation of feed materials.
2	Determination pesticides residues – GC-MS method		New item	Wi 00327024 Council Directive 1999/29 of 22 April 1999 on the undesirable substances and products in animal nutrition
3	Determination of PCB – GC-MS method		New item	Wi 00327024 Council Directive 1999/29 of 22 April 1999 on the undesirable substances and products in animal nutrition
4	Dissolution and determination of minerals and heavy metals with ICP		New item	Wi 00327023 Council Directive 1999/29 of 22 April 1999 on the undesirable substances and products in animal nutrition
5	Enzymatic determination of starch		New item	Wi 00327021 Council Directive 96/25/EC of 29 April 1996 on the circulation of feed materials
6	Determination of total nitrogen content (2 nd ISO/CD 15670 will be available in 2001) (DUMAS-method)		New item	Wi 00327018 Council Directive 96/25/EC of 29 April 1996 on the circulation of feed materials
7	Determination of the content of fatty acids (ISO/CD 17764 part 1&2)		New item	Wi 00327020 Council Directive 96/25/EC of 29 April 1996 on the circulation of feed materials
8	Sampling		Present stage 14	Wi 00327026 First Commission Directive 76/371/EEC of 1 March 1976 establishing Community methods of sampling for the official control of feedingstuffs
9	Determination of aflatoxin B1 content of mixed feeding stuffs – HPLC method (ISO 14718:1999)		Present stage 21	Wi 00327024 Council Directive 1999/29 of 22 April 1999 on the undesirable substances and products in animal nutrition
10	Determination of trypsin inhibitor activity of soya products (ISO/DIS 14902:1998)		Present stage 46	Wi 00327019 Council Directive 1999/29 of 22 April 1999 on the undesirable substances and products in animal nutrition