

Fourth Commission Directive of 5 December 1972 establishing Community methods of analysis for the official control of feedingstuffs (73/46/EEC) (repealed)

Article 1
Article 2
Article 3
Article 4

ANNEX I

1. DETERMINATION OF MOISTURE IN ANIMAL AND VEGETABLE FATS AND OILS...
 1. Purpose and Scope
 2. Principle
 3. Apparatus
 - 3.1.
 - 3.2.
 - 3.3.
 - 3.4.
 - 3.5.
 4. Procedure
 5. Calculation of results
Repeatability

2. DETERMINATION OF MAGNESIUM
 1. Purpose and Scope
 2. Principle
 3. Reagents
 - 3.1.
 - 3.2.
 - 3.3.
 - 3.4.
 - 3.5.
 4. Apparatus
 - 4.1.
 - 4.2.
 - 4.3.
 5. Procedure
 - 5.1. Preparation of the sample solution
 - 5.1.1. Feeding stuffs composed exclusively of mineral substances
 - 5.1.2. Feeding stuffs composed predominantly of mineral substances
 - 5.1.3. Feedingstuffs composed predominantly of organic substances
 - 5.2. Measurement by atomic absorption
 6. Calculation of results
Repeatability

3. DETERMINATION OF CRUDE FIBRE

1. Purpose and scope
2. Principle
3. Reagents
 - 3.1.
 - 3.2.
 - 3.3.
 - 3.4.
 - 3.5.
 - 3.6.
 - 3.7.
4. Apparatus
 - 4.1.
 - 4.2.
 - 4.3.
 - 4.4.
 - 4.5.
 - 4.6.
 - 4.7.
5.
6. Calculation of results
7. Repeatability
8. Observations
 - 8.1.
 - 8.2.
 - 8.3.
 - 8.4.
 - 8.5.
 - 8.6.

ANNEX II

1. DETERMINATION OF RETINOL (VITAMIN A)

1. Purpose and Scope
2. Principle
3. Reagents
 - (a) used for analysing products of Groups A and B
 - 3.1.
 - 3.2.
 - 3.3.
 - 3.4.
 - 3.5.
 - 3.6.
 - 3.7.
 - 3.8.
 - 3.9.
 - 3.10.
 - 3.11.
 - 3.12.
 - 3.13.
 - (b) used exclusively for analysing Group A products

	3.14.	.....
	3.15.	.....
	3.16.	.....
	3.17.	.....
(c)	used exclusively for analysing Group B products	
	3.18.	.....
4.	Apparatus	
	4.1.	.....
	4.2.	.....
	4.3.	.....
	4.4.	.....
	4.5.	.....
5.	Procedure	
	5.1.	Test Sample
	5.2.	Hydrolysis and extraction
	5.3.	Chromatography
	5.3.1.	Group A products
	5.3.2.	Group B products
	5.4.	Measurement of the optical density
	5.4.1.	Group A products
	5.4.2.	Group B products
6.	Calculation of results	
	Repeatability	
2.	DETERMINATION OF THIAMINE (VITAMIN B1, ANEURINE)	
	1.	Purpose and Scope
	2.	Principle
	3.	Reagents
	3.1.	.....
	3.2.	.....
	3.3.	.....
	3.4.	.....
	3.5.	.....
	3.6.	.....
	3.7.	.....
	3.8.	.....
	3.9.	.....
	3.10.	.....
	4.	Apparatus
	4.1.	.....
	4.2.	.....
	4.3.	.....
	5.	Procedure
	5.1.	Enzymatic hydrolysis
	5.1.1.	Reference solution T
	5.1.2.	Solutions A (internal standard) and B (sample)
	5.2.	Oxidation
	5.3.	Measurement of fluorescence
	6.	Calculation of results
	Repeatability	
3.	DETERMINATION OF ASCORBIC ACID AND DEHYDROASCORBIC ACID	
	1.	Purpose and Scope

*Status: EU Directives are being published on this site to aid cross referencing from UK legislation. After
IP completion day (31 December 2020 11pm) no further amendments will be applied to this version.*

2. Principle
3. Reagents
 - 3.1.
 - 3.2.
 - 3.3.
 - 3.4.
 - 3.5.
 - 3.6.
 - 3.7.
 - 3.8.
 - 3.9.
 - 3.10.
 - 3.11.
 - 3.12.
 - 3.13.
 - 3.14.
4. Apparatus
 - 4.1.
 - 4.2.
 - 4.3.
 - 4.4.
 - 4.5.
 - 4.6.
 - 4.7.
5. Procedure
 - 5.1. Extraction
 - 5.2. Oxidation
 - 5.3. Reaction with 2,4-dinitrophenylhydrazine and hydrazone extraction
 - 5.4. Chromatography on a column
 - 5.4.1.
 - 5.4.2.
 - 5.5. Thin layer chromatography
 - 5.6. Measurement of the optical density
 - 5.7. Blank test
6. Calculation of results
 - Repeatability