COMMISSION DIRECTIVE

of 26 July 1988

amending the Annex to Council Directive 82/471/EEC concerning certain products used in animal nutrition

(88/485/EEC)

THE COMMISSION OF THE EUROPEAN COMMUNITIES,

Having regard to the Treaty establishing the European Economic Community,

Having regard to Council Directive 82/471/EEC of 30 June 1982 concerning certain products used in animal nutrition [1], as last amended by Commission Directive 86/530/EEC [2], and in particular Article 6 thereof,

Whereas Directive 82/471/EEC provides for regular amendment of the content of the Annex thereto as a result of developments in scientific or technical knowledge;

Whereas it is appropriate for reasons of clarity to split up the group of amino acids and their salts according to the different amino acids;

Whereas the study of two new lysine-based products has shown that these products fulfil the requirements of Directive 82/471/EEC; whereas the use of the products in animal nutrition should, therefore, be permitted under certain conditions;

Whereas the measures provided for in this Directive are in accordance with the opinion of the Standing Committee for Feedingstuffs,

HAS ADOPTED THIS DIRECTIVE:

Article 1

The Annex to Directive 82/471/EEC is amended as set out in the Annex hereto.

Article 2

The Member States shall bring into force the laws, regulations and administrative provisions necessary to comply with Article 1 not later than 30 June 1989. They shall immediately inform the Commission thereof.

Article 3

This Directive is addressed to the Member States.

Done at Brussels, 26 July 1988.

For the Commission

Frans ANDRIESSEN

Vice-President

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[1] OJ No L 213, 21. 7. 1982, p. 8.
[2] OJ No L 312, 7. 11. 1986, p. 39.

ANNEX

Item 3, 'Amino acids and their salts', is replaced by the following:

1	2	3	4	5	6	7
Name of product group	Name of product	Designation of nutritive principle or identity of micro-organism	Culture substrate (specifications if any)	Composition characteristics of product	Animal species	Special provisions
'3. **Amino acids and their salts**						
3.1. Methionine	3.1.1. DL-Methionine, technically pure	$CH_3S(CH_2)_2$-$CH(NH_2)$-COOH	—	DL-Methionine: minimum 98 %	All animal species	Declarations to be made on the label or packaging of the product: — the name "DL-methionine", in the case of products 3.1.1, "Dihydrated calcium salt of N-hydroxy-methyl-DL-methionine" in the case of product 3.1.2, "Zinc-methionine", in the case of product 3.1.3, — DL-methionine and moisture contents, — animal species or category in the case of products 3.1.2 and 3.1.3,
	3.1.2. Dihydrated calcium salt of N-hydroxy-methyl-DL-methionine, technically pure	$[CH_3S(CH_2)_2$-$CH(NH$-$CH_2OH)$-$COO]_2Ca.2H_2O$	—	DL-Methionine: minimum 67 % Formaldehyde: maximum 14 % Calcium: minimum 9 %	Ruminants from the beginning of rumination	
	3.1.3. Methionine-zinc, technically pure	$[CH_3S(CH_2)_2$-$CH(NH_2)$-$COO]_2Zn$	—	DL-Methionine: minimum 80 % Zn: maximum 18,5 %		

1	2	3	4	5	6	7
Name of product group	Name of product	Designation of nutritive principle or identity of micro-organism	Culture substrate (specifications if any)	Composition characteristics of product	Animal species	Special provisions
3.2. Lysine	3.2.1. L-Lysine, technically pure	NH_2-$(CH_2)_4$-$CH(NH_2)$-COOH	—	L-Lysine : minimum 98 %	All animal species	Declarations to be made on the label or packaging of the product : — the name "L-lysine" in the case of product 3.2.1, "Concetrated liquid L-lysine base" in the case of product 3.2.2, "L-lysine-monohydrochloride" in the case of product 3.2.3, "Concentrated liquid L-lysine monohydrochloride" in the case of product 3.2.4, "L-lysine sulphate and its by-products from fermentation" in the case of product 3.2.5, — L-lysine and moisture contents
	3.2.2. Concentrated liquid L-lysine (base)	NH_2-$(CH_2)_4$-$CH(NH_2)$-COOH	Saccharose, molasses, starch products and their hydrolysates	L-Lysine : minimum 60 %		
	3.2.3. L-Lysine-monohydrochloride, technically pure	NH_2-$(CH_2)_4$-$CH(NH_2)$-COOH.HCl	—	L-Lysine : minimum 78 %		
	3.2.4. Concentrated liquid L-lysine-monohydrochloride	NH_2-$(CH_2)_4$-$CH(NH_2)$-COOH.HCl	Saccharose, molasses, starch products and their hydrolysates	L-Lysine : minimum 22,4 %		
	3.2.5. L-Lysine-sulphate producted by fermentation with *Corynebacterium glutamicum*	$[NH_2$-$(CH_2)_4$-$CH(NH_2)$-$COOH]_2 \cdot H_2SO_4$	Sugar syrup, molasses, cereals, starch products and their hydrolysates	L-Lysine : minimum 40 %		
3.3. Threonine	3.3.1. L-Threonine, technically pure	CH_3-$CH(OH)$-$CH(NH_2)$-COOH	—	L-Threonine : minimum 98 %	All animal species	Declarations to be made on the label or packaging of the product : — the name "L-threonine", — L-threonine and moisture contents

1	2	3	4	5	6	7
Name of product group	Name of product	Designation of nutritive principle or identity of micro-organism	Culture substrate (specifications if any)	Composition characteristics of product	Animal species	Special provisions
3.4. Tryptophan	3.4.1. L-Tryptophan, technically pure	(C_8H_5NH)-CH_2-$CH(NH_2)$-COOH	—	L-Tryptophan : minimum 98 %	All animal species	Declarations to be made on the label or packaging of the product : — the name : "L-tryptophan", — L-tryptophan and moisture contents
	3.4.2. DL-Tryptophan, technically pure	(C_8H_5NH)-CH_2-$CH(NH_2)$-COOH	—	DL-Tryptophan : minimum 98 %	All animal species	Declarations to be made on the label or packaging of the product : — the name : "DL-tryptophan", — DL-tryptophan and moisture contents"