

**EUROPEAN COMMUNITIES (MARKETING OF ENZYMES, MICROORGANISMS AND  
THEIR  
PREPARATIONS IN ANIMAL NUTRITION) REGULATIONS 1995**

I, IVAN YATES, Minister for Agriculture, Food and Forestry, in exercise of the powers conferred on me by section 3 of the European Communities Act, 1972 (No. 27 of 1972), and for the purpose of giving effect to Council Directive 93/113/EC of 14th December, 1993 hereby make the following Regulations:

REG 1

1. These Regulations may be cited as the European Communities (Marketing of Enzymes, Microorganisms and their Preparations in Animal Nutrition) Regulations, 1995.

REG 2

2. Without prejudice to the European Communities (Additives in Feedingsuffs) Regulations, 1989 to 1994, these Regulations shall apply to the marketing and use of enzymes, microorganisms and their preparations in animal nutrition.

REG 3

3. A person shall not market any enzyme, microorganism or preparation thereof for use in animal nutrition or administer any enzyme, microorganisms or preparations thereof to an animal unless such enzyme, microorganism or preparation thereof is listed in the Schedule to these Regulations and the enzyme, microorganism or preparation thereof complies with the specifications, if any, specified in the Schedule to these Regulations.

REG 4

4. (1) A person shall not market any of the enzymes, microorganisms or preparations thereof listed in the Schedule to these Regulations or any premixtures or compound feedingsuffs in which they have been incorporated unless,

( a ) in the case of enzymes and their preparations, the particulars (which shall be clearly visible, legible and indelible) set out in paragraph (2), are set out on the package in which they are packed or on a label attached thereto,

10.J. No. L334, 31.12.1993, p17.

( b ) in the case of microorganisms and their preparations, the particulars (which shall be clearly visible, legible and indelible) set out in paragraph (3), are set out on the package in which they are packed or on a label attached thereto,

( c ) in the case of premixtures containing enzymes, the particulars (which shall be clearly visible, legible and indelible) set out in paragraph (4), are set out on the package in which they are packed or on a label attached thereto,

( d ) in the case of premixtures containing microorganisms, the particulars (which shall be clearly visible, legible and indelible) set out in paragraph (5), are set out on the package in which they are packed or on a label attached thereto,

( e ) in the case of compound feedingstuffs into which enzymes have been incorporated, the particulars (which shall be clearly visible, legible and indelible) set out in paragraph (6), are set out on the package in which they are packed or on a label attached thereto,

(f) in the case of compound feedingstuffs into which microorganisms have been incorporated, the particulars (which shall be clearly visible, legible and indelible) set out in paragraph (7), are set out on the package in which they are packed or on a label attached thereto.

(2) The particulars to be set out in respect of enzymes and their preparations are:

( a ) the specific name of the active constituent according to their enzymatic activity and the identification number in accordance with the Schedule to these Regulations;

( b ) the activity units (activity units (being units of activity expressed as  $\mu$ mole of product released per minute per gram of enzymatic preparation) per g or activity units per ml);

( c ) the name or business name and the address or registered place of business of the person responsible for the particulars in this paragraph;

( d ) the name or business name and address or registered place of business of the manufacturer if he is not responsible for the particulars on the label;

( e ) the expiry date of the guarantee of the activity units in the product or the storage life from the date of manufacture;

( f ) the batch reference number and the date of manufacture;

( g ) directions for use and, where appropriate, a safety recommendation;

( h ) the net weight and for liquid additives either the net volume or the net weight;

( i ) the indication "to be used exclusively for the manufacture of feedingstuffs".

(3) The particulars to be set out in respect of microorganisms and their preparations are:

( a ) the identification of the strain and the deposit number of the strain in accordance with the Schedule to these Regulations;

( b ) the number of colony- forming units (CFU/g);

( c ) the name or business name and address or registered place of business of the person responsible for the particulars referred to in this paragraph;

( d ) the name or business name and address or registered place of business of the manufacturer if he is not responsible for the particulars on the label;

( e ) the expiry date of the guarantee of the CFU/g of the product or the storage life from the date of manufacture;

( f ) the batch reference number and the date of manufacture;

( g ) the directions for use and, where appropriate, a safety recommendation;

( h ) the net weight and for liquid additives either the net volume or the net weight;

( i ) the indication "to be used exclusively in the manufacture of feedingstuffs";

( j ) where appropriate, the indication of any particular significant characteristics due to the manufacturing process.

(4) The particulars to be set out in respect of premixtures containing enzymes are:

- ( a ) the description "premixture";
- ( b ) the indication "to be used exclusively in the manufacture of feedingstuffs";
- ( c ) the directions for use and any safety recommendations regarding the use of premixture;
- ( d ) the animal species or category of animals for which the premixture is intended;
- ( e ) the name or business name and the address or registered place of business of the person responsible for the particulars referred to in this paragraph;
- ( f ) the net weight and for liquids either the net volume or the net weight;
- ( g ) the specific name of the active constituent according to their enzymatic activity and the identification number in accordance with the Schedule to these Regulations;
- ( h ) the activity units (activity units per g or activity units per ml);
- ( i ) the expiry date of the guarantee of the activity units in the product or the storage life from the date of manufacture;
- ( j ) the name or business name and address or registered place of business of the manufacturer if he is not responsible for the particulars on the label.

(5) The particulars to be set out in respect of premixtures containing microorganisms are:

- ( a ) the description "premixture";
- ( b ) the indication "to be used exclusively in the manufacture of feedingstuffs";
- ( c ) the directions for use and any safety recommendations regarding the use of the premixture;
- ( d ) the animal species or category of animals for which the premixture is intended;
- ( e ) the name or business name and the address or registered place of business of the person responsible for the particulars referred to in this paragraph;
- ( f ) the net weight and for liquids either the net volume or the net weight;
- ( g ) the identification of the strain and the deposit number of the strain in accordance with the Schedule to these Regulations;
- ( h ) the number of colony- forming units (CFU/g);
- ( i ) the expiry date of the guarantee of the CFU/g of the product or the storage life from the date of manufacture;
- ( j ) the name or business name and address or registered place of business of the manufacturer if he is not responsible for the particulars on the label;
- ( k ) where appropriate, the indication of any particular significant characteristics due to the manufacturing process.

(6) The particulars to be set out in respect of compound feedingstuffs into which enzymes have been incorporated are:

- ( a ) the specific name of the active constituent according to their enzymatic activity and the identification number in accordance with the Schedule to these Regulations;
- ( b ) the activity units (activity units per kg or activity units per L) provided that such units are measurable by an official or

scientifically valid method;

( c ) the expiry date of the guarantee of the activity units in the product or the storage life from the date of manufacture.

(7) The particulars to be set out in respect of compound feedingstuffs into which microorganisms have been incorporated are:

( a ) the identification of the strain and the deposit number of the strain in accordance with the Schedule to these Regulations;

( b ) the number of colony-forming units (CFU/kg) provided that the number is measurable by an official or scientifically valid method;

( c ) the expiry date of the guarantee of the CFU/kg of the product or the storage life from the date of manufacture;

( d ) where appropriate, the indication of any particular significant characteristics due to the manufacturing process.

(8) Particulars other than those prescribed in paragraphs (2) to (7) of these Regulations, such as the trade name, may be included on the packaging, container or on a label attached thereto, provided that they are clearly separated from the said particulars.

#### REG 5

5. A person shall not market an enzyme, microorganism or preparation thereof for use in animal nutrition unless it is intended to be used exclusively in the manufacture of feedingstuffs and is in a form suitable for incorporation in a feedingstuff and a person shall not administer to an animal an enzyme, microorganism or preparation thereof unless such enzyme, microorganism or preparation thereof has been incorporated in a feedingstuff in accordance with these Regulations.

#### REG 6

6. It shall be an offence to contravene Regulations 3, 4 or 5 of these Regulations.

#### REG 7

7. A person guilty of an offence under these Regulations shall be liable on summary conviction to a fine not exceeding £1,000.

#### REG 8

8. An offence under these Regulations shall be prosecuted by the Minister for Agriculture, Food and Forestry.

## SCHEDULE

List of Enzymes, Microorganisms and their Preparations authorised for use in compound feedingstuffs.

Enzymes

Trade nameActive constituent(s) (Source, organism and strain number)Activity unit(s)/g (Liquids/ml)Person responsible for putting the product into circulation (name and address)Allzyme ABEC 3.2.1.1, a-Amylase (Bacillus subtilis CBS 495.94)9,250 P2  
4,625 L3Alltech Ireland  
Unit 28  
Cookstown Industrial Estate  
Tallaght, Dublin 24  
IrelandAllzyme AFEC 3.2.1.1, a-Amylase (Aspergillus oryzaeCBS 518.94)6,750 P  
3,375 LAlltech Ireland  
Unit 28  
Cookstown Industrial Estate  
Tallaght, Dublin 24  
IrelandAllzyme BGEC 3.2.1.6, Endo-1,3(4)- $\beta$ -glucanase (Trichoderma viride CBS 517.94)650 P  
325 LAlltech Ireland  
Unit 28  
Cookstown Industrial Estate  
Tallaght,Dublin 24  
Ireland  
2Powder  
3Liquid

Trade nameActive constituent(s) (Source, organism and strain number)Activity unit(s)/g (liquids/ml)Person responsible for putting the product into circulation (name and address)Allzyme CEC 3.2.1.4, Cellulase (Trichoderma viride CBS 516.94)190 P  
95 LAlltech Ireland  
Unit 28  
Cookstown Industrial Estate  
Tallaght, Dublin 24  
IrelandAllzyme LEC 3.1.1.3, Triacylglycerol lipase (Aspergillus oryzae CBS 523.94)900 P  
450 LAlltech Ireland  
Unit 28  
Cookstown Industrial Estate  
Tallaght, Dublin 24  
IrelandAllzyme PBEC 3.4.24.28, Bacillolysin (Bacillus subtilis CBS 494.94)50 P  
25 LAlltech Ireland  
Unit 28  
Cookstown Industrial Estate  
Tallaght, Dublin 24  
IrelandAllzyme PFEC 3.4.23.18, Aspergillopepsin I (Aspergillus niger CBS 519.94)24,500 P  
12,250 LAlltech Ireland  
Unit 28  
Cookstown Industrial Estate

Tallaght, Dublin 24  
IrelandAllzyme PhytaseEC 3.1.3.8,3-Phytase (*Aspergillus niger* CBS  
521.94)100 P  
50 LAlltech Ireland  
Unit 28  
Cookstown Industrial Estate  
Tallaght, Dublin 24  
IrelandAllzyme PTEC 3.2.1.37, Xylan 1,4— $\beta$ -xylosidase (*Aspergillus niger*  
CBS 520.94)600 P  
300 LAlltech Ireland  
Unit 28  
Cookstown Industrial Estate  
Tallaght, Dublin 24  
IrelandStafizym C 80EC 3.2.1.4, Endo-1,4- $\beta$ -glucanase  
EC 3.2.1.21,  $\beta$ -glucosidase  
EC 3.2.1.91, Cellulose 1,4- $\beta$ -cellobiosidase (*Trichoderma reesei* CNCM MA  
6 10-W)400 P  
80 LDCL Yeast Ltd  
Salatine House  
19 Cedar Road  
Sutton  
Surrey SM2 5JG  
UKStafizym X 70EC 3.2.1.8 Endo 1,4- $\beta$ -xylanase EC 3.2.1.37, Xylan  
1,4- $\beta$ -xylosidase (*Trichoderma reesei* CNCM MA 6 10-W)7,000 P  
7,000 LDCL Yeast Ltd  
Salatine House  
19 Cedar Road  
Sutton  
Surrey SM2 5JG  
UKAvizyme 1 100EC 3.2.1.6, Endo-1,4- $\beta$ -glucanase (*Trichoderma*  
*longibrachiatum* ATCC 2106)  
EC 3.2.1.8, Endo-1,4- $\beta$ -xylanase (*Trichoderma longibrachiatum* ATCC 2105  
and *Trichoderma viride* var *koningii* IMI 135)  
EC 3.4.24.28, Bacillolysin (*Bacillus subtilis* DSM 9554 and *Bacillus*  
*subtilis* ATCC 2107)100

300

800Finnfeeds International Ltd  
Market House  
Marlborough  
Wiltshire SN8 1AA  
UKAvizyme 1200EC 3.2.1.6, Endo-1,4- $\beta$ -glucanase (*Trichoderma*  
*longibrachiatum* ATCC 2106)  
EC 3.2.1.8, Endo-1,4- $\beta$ -xylanase (*Trichoderma longibrachiatum* ATCC 2105  
and *Trichoderma viride* var *koningii* IMI 135)  
EC 3.4.24.28, Bacillolysin (*Bacillus subtilis* DSM 9554 and *Bacillus*  
*subtilis* ATCC 2107)100

2,500

800Finnfeeds International Ltd  
Market House  
Marlborough  
Wiltshire SN8 1AA

UKAvizyme TXEC 3.2.1.6, Endo-1,4- $\beta$ -glucanase (*Trichoderma longibrachiatum* ATCC 2106)  
EC 3.2.1.8, Endo-1,4- $\beta$ -xylanase (*Trichoderma viride* var *koningii* IMI 135)  
EC 3.2.24.28, Bacillolysin  
(*Bacillus subtilis* ATCC 2107)  
EC 3.2.1.1,  $\alpha$ -Amylase  
(*Bacillus subtilis* var. *amyloliquefaciens* DSM 9553)  
EC 3.2.1.15, Polygalacturonase (*Aspergillus niger* var *acculeatus* CBS 589.94)150

1,500

800

500

50Finnfeeds International Ltd  
Market House  
Marlborough  
Wiltshire SN8 1AA  
UKAvizyme 1300EC 3.2.1.8, Endo-1,4- $\beta$ -xylanase (*Trichoderma longibrachiatum* ATCC 2105 and *Trichoderma viride* var *koningii* IMI 135)  
EC 3.4.24.28, Bacillolysin  
(*Bacillus subtilis* DSM 9554 and *Bacillus subtilis* ATCC 2107)2,500

800Finnfeeds International Ltd  
Market House  
Marlborough  
Wiltshire SN8 1AA  
UKPorzyme 8100EC 3.2.1.6, Endo-1,4- $\beta$ -glucanase (*Trichoderma longibrachiatum* ATCC 2106)  
EC 3.2.1.8, Endo-1,4- $\beta$ -xylanase (*Trichoderma longibrachiatum* ATCC 2105 and *Trichoderma longibrachiatum* ATCC 2106 and *Trichoderma viride* var *koningii* IMI 135)  
EC 3.2.1.1,  $\alpha$ -Amylase (*Bacillus subtilis* DSM 9554)250

400

1,000Finnfeeds International Ltd  
Market House  
Marlborough  
Wiltshire SN8 1AA  
UKPorzyme 9300EC 3.2.1.8, Endo-1,4- $\beta$ -xylanase (*Trichoderma longibrachiatum* ATCC 2105 and *Trichoderma viride* var *koningii* IMI 135)4,000Finnfeeds International Ltd  
Market House  
Marlborough  
Wiltshire SN8 1AA  
UKPorzyme SF 100EC 3.2.1.6, Endo-1,4- $\beta$ -glucanase (*Trichoderma longibrachiatum* ATCC 2106)  
EC 3.2.1.8, Endo-1,4- $\beta$ -xylanase (*Trichoderma longibrachiatum* ATCC 2106 and *Trichoderma viride* var *koningii* IMI 135) EC 3.2.1.15,  
Polygalacturonase (*Aspergillus niger* var *aculeatus* CBS 589.94)400

400

50Finnfeeds International Ltd

Market House

Marlborough

Wiltshire SN8 1AA

UKPorzyme SPEC 3.2.1.6, Endo-1,4- $\beta$ -glucanase (*Trichoderma longibrachiatum*

ATCC 2106) EC 3.2.1.8, Endo-1,4- $\beta$ -xylanase (*Trichoderma longibrachiatum*

ATCC 2106 and *Trichoderma viride* var *koningii* IMI 135) EC 3.2.1.1,

$\alpha$ -Amylase (*Bacillus subtilis* var *amyloliquefaciens* DSM 9553)250

400

1,000Finnfeeds International Ltd

Market House

Marlborough

Wiltshire SN8 IAA

UKPorzyme TP 100EC 3.2.1.6, Endo-1,4- $\beta$ -glucanase

(*Trichoderma longibrachiatum* ATCC 2106)

EC 3.2.1.8, Endo-1,4- $\beta$ -xylanase

(*Trichoderma longibrachiatum* ATCC 2106 and *Trichoderma viride* var

*koningii* IMI 135)

EC 3.2.1.1,  $\alpha$ -Amylase

(*Bacillus subtilis* var *amyloliquefaciens* DSM 9553)

EC 3.2.1.15, Polygalacturonase

(*Aspergillus niger* var *aculeatus* CBS 589.94)150

4,000

1,000

25Finnfeeds International Ltd

Market House

Marlborough Wiltshire SN8 1AA

UKKemzyme LiquidEC 3.2.1.1,  $\alpha$ -Amylase

(*Bacillus amyloliquefaciens* DSM 9553)

EC 3.2.1.4, Cellulase

(*Trichoderma reesei* CBS 592.94)

EC 3.2.1.6, Endo-1,3(4)- $\beta$ -glucanase

(*Aspergillus aculeatus* CBS 589.94)400

120,000

10,000Kemin UK Ltd

Becor House

Green Lane

Lincon LN6 9DL

UKKemzyme W DryEC 3.2.1.1,  $\alpha$ -Amylase

(*Bacillus amyloliquefaciens* DSM 9553)

EC 3.4.24.28, Bacillolysin

(*Bacillus subtilis* DSM 9554)

EC 3.2.1.4, Cellulase

(*Trichoderma reesei* CBS 592.94)

EC 3.2.1.6, Endo-1,3(4)- $\beta$ -glucanase



(*Aspergillus aculeatus* CBS 589.94)  
EC 3.2.1.8, Endo-1,4- $\beta$ -xylanase  
(*Trichoderma viride* ATCC 13631  
EC 3.1.1.3, Triacylglycerol lipase  
(*Rhizopus japonicus* 41-A-0547)400

450

4,000

2,350

20,000

100Kemin UK Ltd  
Becor House  
Green Lane  
Lincon LN6 9DL  
UKKemzyme W LiquidEC 3.2.1.1,  $\alpha$ -Amylase  
(*Bacillus amyloliquefaciens* DSM 9553)  
EC 3.2.1.4, Cellulase  
(*Trichoderma reesei* CBS 592.94)  
EC 3.2.1.8, Endo-1,4- $\beta$ -xylanase  
(*Trichoderma reesei* CBS 571.93)  
EC 3.2.1.6, Endo-1,3(4)- $\beta$ -glucanase  
(*Aspergillus aculeatus* CBS 589.94400

120,000

210,00

10,000Kemin UK Ltd

Becor House

Green Lane

Lincon LN6 9DL

UKBio-Feed BetaEC 3.2.1.8, Endo 1,4- $\beta$ -xylanase600 CT4Novo Nordisk  
A/S(CT, MG, L, SL)(*Humicola insolens* DSM 1800)450 MG5Novo Alle300  
LDK-2880 BagsvaerdDenmarkEC 3.2.1.1,  $\alpha$ -Amylase(*Bacillus amyloliquefaciens*  
DSM 9553)Innozyme BetaEC 3.2.1.8, Endo 1,4- $\beta$ -xylanase600 G6Trouw  
Nutrition(G&L)(*Humicola insolens* DSM 1800)300 LWinchamNorthwichEC  
3.2.1.1,  $\alpha$ -Amylase50 GCheshire CW9 6DF(*Bacillus amyloliquefaciens* DSM  
9553)25 LUKBio-Feed PlusEC 3.2.1.8, Endo 1,4- $\beta$ -xylanase800 CT & MGNovo  
Nordisk A/S(CT, MG, L, SL)(*Humicola insolens* DSM 1800)550 LNovo  
Alle1,600 SLDK-2880 BagsvaerdDenmarkEC 3.2.1.4, Endo-1,4- $\beta$ -glucanase75 CT  
& MG(*Humicola insolens* DSM 1800)50 L150 SLInnozyme AlphaEC 3.2.1.8,  
Endo-1,4- $\beta$ -xylanase800 GTrouw Nutrition(G & L)(*Humicola insolens* DSM  
1800)550 LWinchamNorthwichEC 3.2.1.4, Endo-1,4- $\beta$ -glucanase75 G  
50 LCheshire CW9 6DF(*Humicola insolens* DSM 1800)UKCerezyme EZEC  
3.2.1.8, Endo 1,4- $\beta$ -xylanase

(*Trichoderma longibrachiatum* CBS 614.94)

EC 3.2.1.6, Endo-1,3(4)- $\beta$ -glucanase

(*Bacillus subtilis* CBS 613.94)75 P

125 L

300 P

500 LNutec (Ireland) Ltd

Greenhills Centre

Greenhills Road

Tallaght, Dublin 24

IrelandCerezyme SZEC 3.2.1.8, Endo 1,4- $\beta$ -xylanase  
(Trichoderma longibrachiatum CBS 614.94)  
EC 3.2.1.6, Endo-1,3(4)- $\beta$ -glucanase  
(Bacillus subtilis CBS 613.94)300 P  
500 L  
75 P  
125 LNutec (Ireland) Ltd  
Greenhills Centre  
Greenhills Road  
Tallaght, Dublin 24  
IrelandOptizyme Super-PEC 3.2.1.6, Endo-1,3(4)- $\beta$ -glucanase  
(Penicillium funiculosum IMI 134756)21,500 P  
55,000 LOptivite Ltd  
Main Street  
Laneham  
Retford  
Nottinghamshire DN22 0NA  
UKWheatzymeEC 3.2.1.8, Endo-1,4- $\beta$ -xylanase  
(Trichoderma longibrachiatum IMI 143)17,600 P  
35,000 LOptivite Ltd  
Main Street  
Laneham  
Retford  
Nottinghamshire DN22 0NA  
UKBioglucanase 10BEC 3.2.1.6, Endo-1,3(4)- $\beta$ -glucanase  
(Bacillus subtilis CBS 613.94)2,500 to 10,000Quest International  
Ireland Ltd  
Killnagleary  
Carrigaline  
Co. Cork  
IrelandBiopentosanase XEC 3.2.1.8, Endo-1,4- $\beta$ -xylanase (Trichoderma  
longibrachiatum CBS 614.94)750 to 3,000Quest International Ireland Ltd  
Killnagleary  
Carrigaline  
Co. Cork  
IrelandBioxyylanase 10LEC 3.2.1.8, Endo-1,4- $\beta$ -xylanase  
(Trichoderma longibrachiatum CBS 614.94)2,500 to 10,000Quest  
International Ireland Ltd  
Killnagleary  
Carrigaline  
Co. Cork  
IrelandBioxyylanase 2EC 3.2.1.8, Endo-1,4- $\beta$ -xylanase  
(Aspergillus awamori CBS 612.94)750 to  
3,000Quest International Ireland Ltd  
Killnagleary  
Carrigaline  
Co. Cork  
IrelandRoxazyme GEC 3.2.1.4, Cellulase  
EC 3.2.1.6, Endo-1,3(4)- $\beta$ -glucanase  
EC 3.2.1.8, Endo-1,4- $\beta$ -xylanase  
(Trichoderma viride CTV 002  
NIBH FERM BP-4447)8,000  
18,000  
26,000Roche Products Ltd  
Vitamins & Fine Chemicals Division

Heanor Gate  
Heanor  
Derbyshire DE75 7SG  
UKRoxazyme G2EC 3.2.1.4, Cellulase  
EC 3.2.1.6, Endo-1,3(4)- $\beta$ -glucanase  
EC 3.2.1.8, Endo-1,4- $\beta$ -xylanase  
(Trichoderma viride CTV 002  
NIBH FERM BP-4447) or  
(Trichoderma longibrachiatum M2-C38 M93  
ATCC 74252)8,000

18,000  
26,000Roche Products Ltd  
Vitamins & Fine Chemicals Division  
Heanor Gate

Heanor  
Derbyshire DE75 7SG  
UK  
4 Coated Thermotolerant Granule  
5 Micro Granule  
6 Granule  
Microorganisms

Trade nameActive constituent(s)No. of colony forming units/g (x  
109)Person responsible for putting the product into circulation (name  
and address)All-LacLactobacillus acidophilus CBS 525.9420Alltech Ireland  
Unit 28

Cookstown Industrial Estate  
Tallaght, Dublin 24  
IrelandAll-StrepStreptococcus faecium CBS 524.9420Alltech Ireland  
Unit 28

Cookstown Industrial Estate  
Tallaght, Dublin 24  
IrelandYea-Sacc1026Saccharomyces cerevisiae CBS 493.940.1Alltech Ireland  
Unit 28

Cookstown Industrial Estate  
Tallaght, Dublin 24  
IrelandYea-Sacc8417Saccharomyces cerevisiae CBS 492.940.1Alltech Ireland  
Unit 28

Cookstown Industrial Estate  
Tallaght, Dublin 24  
IrelandBiosaf Sc 47Saccharomyces cerevisiae NCYC Sc 4710DCL Yeast Ltd  
Salatine House

19 Cedar Road  
Sutton  
Surrey SM2 5JG  
UKGardionLactobacillus casei subsp. casei  
NCIMB 30096  
Enterococcus faecium NCIMB 30098  
Alliin concentrate, lyophilised2

6  
900mg/gInterprise Ltd  
Unit 12, Baglan Industrial Park  
Port Talbot SA12 7DJ  
UKProtexin CompounderLactobacillus plantarum ATCC 14917

Lactobacillus delbrueckii subsp. bulgaricus ATCC 11842  
Lactobacillus acidophilus ATCC 4356  
Lactobacillus rhamnosus ATCC 4769  
Bifidobacterium bifidum ATCC 29521  
Streptococcus salivarius subsp. thermophilus ATCC 19258  
Enterococcus faecium ATCC 19434  
Aspergillus oryzae ATCC 42531  
Candida pintolopesii ATCC 229870.0126  
0.0206

0.0206  
0.0206  
0.0200  
0.0410

0.0590  
0.00532  
0.00532 Probiotics International Ltd  
Matts Lane  
Stoke-sub-Hamdon  
Somerset TA14 6QE  
UK Protexin Mixer Lactobacillus plantarum ATCC 14917  
Lactobacillus delbrueckii subsp. bulgaricus ATCC 11842  
Lactobacillus acidophilus ATCC 4356  
Lactobacillus rhamnosus ATCC 4769  
Bifidobacterium bifidum ATCC 29521  
Streptococcus salivarius subsp. thermophilus ATCC 19258  
Enterococcus faecium ATCC 19434  
Aspergillus oryzae ATCC 42531  
Candida pintolopesii ATCC 229870.00441  
0.00721

0.00721  
0.00721  
0.00700  
0.01440

0.02070  
0.00186  
0.00186 Probiotics International Ltd  
Matts Lane  
Stoke-sub-Hamdon  
Somerset TA14 6QE  
UK Cernivet LBC G Enterococcus faecium Cernelle 68 NCIB 1041535 Rhône  
Mérieux 21 Cookstown Industrial Estate Tallaght, Dublin 24  
Ireland Levucell SB 20 Levugen SB 20 Levorol SB 20 Levupro SB 20  
Proficell SB 20 Lallemand SB 20 Saccharomyces cerevisiae CNCM  
I-107920 Santel/Groupe Agritek  
Avenue des Cyprès BP 10 53950 LOUVERNE  
France Levucell SC 20 Levugen SC 20 Levorol SC 20 Levupro SC 20  
Proficell SC 20 Lallemand SC 20 Saccharomyces cerevisiae CNCM  
I-107720 Santel/Groupe Agritek  
Avenue de Cyprès BP 10  
53950 LOUVERNE  
France

## Enzymes and microorganisms

Trade name	Active constituents (Source organism and strain number)	Activity unit(s)/g or CFU/g (x 10 <sup>9</sup> )	Person responsible for putting the product into circulation (name and address)
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	3.2.1.1, $\alpha$ -Amylase		Lacto-Sacc
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	( <i>Bacillus subtilis</i> CBS 495.94)		EC
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	EC 3.2.1.4, Cellulase		
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	( <i>Trichoderma viride</i> CBS 516.94)		
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	EC 3.4.23.18, Aspergillopepsin I		
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	( <i>Aspergillus niger</i> CBS 519.94)	8.80	
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		0.44	
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	26.40		Alltech Ireland
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	Unit 28		
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	Cookstown Industrial Estate		
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	Tallaght, Dublin 24		
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	Ireland		<i>Lactobacillus acidophilus</i> CBS 525.94
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			<i>Streptococcus faecium</i> CBS 524.94
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			<i>Saccharomyces cerevisiae</i> CBS 493.940.110
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		0.077	
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	0.0396		Provita B Sacc I
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			EC 3.2.1.1, $\alpha$ -Amylase
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			( <i>Bacillus subtilis</i> ATCC 31783)
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			Ec 3.2.1.1, $\alpha$ -Amylase
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			( <i>Aspergillus oryzae</i> NRRL 6992)
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			<i>Bacillus subtilis</i> ATCC 31783
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		12,000	
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	0.5		Provita Eurotech Ltd
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	21		Bankmore Road
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			Omagh
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			Co. Tyrone BT79 0EU
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			Northern Ireland
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GIVEN under my Official Seal, this 5th day of September, 1995.

IVAN YATES,

Minister for Agriculture, Food and Forestry.

### EXPLANATORY NOTE.

These Regulations which give effect to Council Directive 93/113/EC introduce controls on the marketing and use of enzymes, microorganisms and their preparations in animal nutrition. Only those products containing enzymes and microorganisms which are set out in the Schedule to these Regulations may be marketed and used in animal feedingstuffs. In addition, the labelling particulars applicable to such products, and to premixtures and compound feedingstuffs containing such products, are set out in the Regulations.