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## SCHEDULE 1

PROVISIONS TO BE INSERTED INTO THE TABLE TO  
SCHEDULE 4 TO THE FEEDING STUFFS REGULATIONS 1995

## PART XI

PERMITTED ENZYMES (OTHER THAN ANY ENZYME REFERRED TO  
IN PART X OF THIS SCHEDULE) AND PERMITTED MICRO-ORGANISMS

**SECTION A. ENZYMES**

<i>Item</i>	<i>Active constituent(s)</i>	<i>Activity units per gram (g) or per millilitre (ml)</i>
1	3-phytase EC 3.1.3.8 produced by <i>Aspergillus oryzae</i> DSM 10289	
	Coated (CT)	2 500 FYTU/g
	Liquid (L)	5 000 FYTU/ml
2	Alpha-amylase EC 3.2.1.1 produced by <i>Bacillus amyloliquefaciens</i> CBS 360.94	
	Solid	45 000 RAU/g
	Liquid	20 000 RAU/ml
3	Alpha-amylase EC 3.2.1.1 produced by <i>Bacillus amyloliquefaciens</i> DSM 9553	
	Coated (CT)	200 KNU/g
	Micro granulate (MG)	75 KNU/g
	Liquid (L)	300 KNU/ml
4	Alpha-amylase EC 3.2.1.1 produced by <i>Bacillus amyloliquefaciens</i> DSM 9553	540 U/g
	Endo-1,3(4)-beta-glucanase EC 3.2.1.6 produced by <i>Aspergillus aculeatus</i> CBS 589.94	3 000 U/g
	Cellulase (endo-1,4-beta-glucanase) EC 3.2.1.4 produced by <i>Trichoderma longibrachiatum</i> CBS 592.94	5 000 U/g
	Bacillolysin EC 3.4.24.28 produced by <i>Bacillus subtilis</i> DSM 9554	450 U/g

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<i>Item</i>	<i>Active constituent(s)</i>	<i>Activity units per gram (g) or per millilitre (ml)</i>
5	Triacylglycerol lipase EC 3.1.1.3 produced by <i>Rhizopus arrhizus</i> NIBH FERM BP 5283	100 m U/g
	Alpha-amylase EC 3.2.1.1 produced by <i>Bacillus amyloliquefaciens</i> DSM 9553	540 U/g
	Endo-1,3(4)-beta-glucanase EC 3.2.1.6 produced by <i>Aspergillus aculeatus</i> CBS 589.94	3 000 U/g
	Cellulase (endo-1,4-beta-glucanase) EC 3.2.1.4 produced by <i>Trichoderma longibrachiatum</i> CBS 592.94	9 000 U/g
	Bacillolysin EC 3.4.24.28 produced by <i>Bacillus subtilis</i> DSM 9554	450 U/g
6	Triacylglycerol lipase EC 3.1.1.3 produced by <i>Rhizopus arrhizus</i> NIBH FERM BP 5283	100 m U/g
	Alpha-amylase EC 3.2.1.1 produced by <i>Bacillus amyloliquefaciens</i> DSM 9553	400 U/ml
	Endo-1,3(4)-beta-glucanase EC 3.2.1.6 produced by <i>Aspergillus aculeatus</i> CBS 589.94	10 000 U/ml
	Cellulase (endo-1,4-beta-glucanase) EC 3.2.1.4 produced by <i>Trichoderma longi brachiatum</i> CBS 592.94	120 000 U/ml
7	Alpha-amylase EC 3.2.1.1 produced by <i>Bacillus amyloliquefaciens</i> DSM 9553	400 U/g
	Endo-1,3(4)-beta-glucanase EC 3.2.1.6 produced by <i>Aspergillus aculeatus</i> CBS 589.94	2 350 U/g
	Cellulase (endo-1,4-beta-glucanase) EC 3.2.1.4 produced by <i>Trichoderma longibrachiatum</i> CBS 592.94	5 000 U/g

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<i>Item</i>	<i>Active constituent(s)</i>	<i>Activity units per gram (g) or per millilitre (ml)</i>
8	Bacillolysin EC 3.4.24.28 produced by <i>Bacillus subtilis</i> DSM 9554	5 000 U/g
	Triacylglycerol lipase EC 3.1.1.3 produced by <i>Rhizopus</i> <i>arrhizus</i> NIBH FERM BP 5283	2 000 m U/g
	Alpha-amylase EC 3.2.1.1 produced by <i>Bacillus</i> <i>amyloliquefaciens</i> DSM 9553	400 U/g
	Endo-1,3(4)-beta-glucanase EC 3.2.1.6 produced by <i>Aspergillus aculeatus</i> CBS 589.94	2 350 U/g
	Cellulase (endo-1,4-beta- glucanase) EC 3.2.1.4 produced by <i>Trichoderma</i> <i>longibrachiatum</i> CBS 592.94	4 000 U/g
	Bacillolysin EC 3.4.24.28 produced by <i>Bacillus subtilis</i> DSM 9554	450 U/g
	Triacylglycerol lipase EC 3.1.1.3 produced by <i>Rhizopus</i> <i>arrhizus</i> NIBH FERM BP 5283	100 m U/g
	Endo-1,4-beta-xylanase EC 3.2.1.8 produced by <i>Trichoderma viride</i> NIBH FERM BP 4842	20 000 U/g
9	Alpha-amylase EC 3.2.1.1 produced by <i>Bacillus</i> <i>amyloliquefaciens</i> DSM 9553	400 U/ml
	Endo-1,3(4)-beta-glucanase EC 3.2.1.6 produced by <i>Aspergillus aculeatus</i> CBS 589.94	10 000 U/ml
	Cellulase (endo-1,4-beta- glucanase) EC 3.2.1.4 produced by <i>Trichoderma</i> <i>longibrachiatum</i> CBS 592.94	120 000 U/ml
	Endo-1,4-beta-xylanase EC 3.2.1.8 produced by <i>Trichoderma viride</i> NIBH FERM BP 4842	210 000 U/ml

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<i>Item</i>	<i>Active constituent(s)</i>	<i>Activity units per gram (g) or per millilitre (ml)</i>
10	Alpha-galactosidase EC 3.2.1.22 produced by <i>Aspergillus oryzae</i> DSM 10286	
	Coated (CT)	1 500 GALU/g
	Liquid (L)	1 000 GALU/ml
11	Aspergillopepsin I EC 3.4.23.18 produced by <i>Aspergillus niger</i> CBS 519.94	
	Powder (P)	24 500 U/g
	Liquid (L)	12 250 U/ml
12	Cellulase (endo-1,-beta-glucanase) EC 3.2.1.4 produced by <i>Trichoderma reesei</i> IMI SD 142	
	Liquid	2 000 U/ml
	Solid	1 000 U/g
13	Cellulase (endo-1,4-beta-glucanase) EC 3.2.1.4 produced by <i>Aspergillus niger</i> CBS 600.94	
	Endo-1,4-beta-xylanase EC 3.2.1.8 produced by <i>Aspergillus niger</i> CBS 600.94	
	Powder	5 000 BGU/g (glucanase)
		12 000 FXU/g (xylanase)
	Liquid	5 000 BGU/ml (glucanase)
		12 000 FXU/ml (xylanase)
14	Cellulase (endo-1,4-beta-glucanase) EC 3.2.1.4 produced by <i>Aspergillus niger</i> CBS 600.94	
	Endo-1,4-beta-xylanase EC 3.2.1.8 produced by <i>Aspergillus niger</i> CBS 600.94	
	Powder	10 000 BGU/g (glucanase)
		4 000 FXU/g (xylanase)
	Liquid	10 000 BGU/ml (glucanase)
		4 000 FXU/ml (xylanase)

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15	Cellulase (endo-1,4-beta-glucanase) EC 3.2.1.4 produced by <i>Trichoderma viride</i> NIBH FERM BP 4447	8 000 U/g
	Endo-1,3(4)-beta-glucanase EC 3.2.1.6 produced by <i>Trichoderma viride</i> NIBH FERM BP 4447	18 000 U/g
	Endo-1,4-beta-xylanase EC 3.2.1.8 produced by <i>Trichoderma viride</i> NIBH FERM BP 4447	26 000 U/g
16	Cellulase (endo-1,4-beta-glucanase) EC 3.2.1.4 produced by <i>Trichoderma longibrachiatum</i> M2-C38M93 ATCC 74252	8 000 U/ml
	Endo-1,3(4)-beta-glucanase EC 3.2.1.6 produced by <i>Trichoderma longi brachiatum</i> M2-C38M93 ATCC 74252	18 000 U/ml
	Endo-1,4-beta-xylanase EC 3.2.1.8 produced by <i>Trichoderma longibrachia tum</i> M2-C38M93 ATCC 74252	26 000 U/ml
17	Endo-1,3(4)-beta-glucanase EC 3.2.1.6 produced by <i>Trichoderma longi brachiatum</i> ATCC SD 2106	300 U/g
	Endo-1,4-beta-xylanase EC 3.2.1.8 produced by <i>Trichoderma longibrachia tum</i> ATCC SD 2106 and <i>Trichoderma koningii</i> IMI SD 135	300 U/g
18	Endo-1,3(4)-beta-glucanase EC 3.2.1.6 produced by <i>Aspergillus aculeatus</i> CBS 589.94	
	Coated (CT)	50 FBG/g
	Micro granulate (MG)	75 FBG/g
	Liquid (L)	120 FBG/ml
19	Endo-1,3(4)-beta-glucanase EC 3.2.1.6 produced by	

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<i>Item</i>	<i>Active constituent(s)</i>	<i>Activity units per gram (g) or per millilitre (ml)</i>
	<i>Aspergillus niger</i> MUCL 39199	
	Liquid	1 500 AGLU/ml
	Powder	1 500 AGLU/g
20	Endo-1,3(4)-beta-glucanase EC 3.2.1.6 produced by <i>Aspergillus niger</i> MUCL 39199	6 000 AGLU/g
21	Endo-1,3(4)-beta-glucanase EC 3.2.1.6 produced by <i>Aspergillus niger Van Thiegem</i> MUCL 39199	
	Solid	2 000 AGLU/g
	Liquid	500 AGLU/ml
22	Endo-1,3(4)-beta-glucanase EC 3.2.1.6 produced by <i>Geosmithia emersonii</i> IMI SD 133	5 500 U/g
23	Endo-1,3(4)-beta-glucanase EC 3.2.1.6 produced by <i>Penicillium funiculo sum</i> IMI SD 101, <i>Trichoderma longibrachiatum</i> CBS 526.94 and <i>Trichoderma longibrachiatum</i> CNCM MA 6 10-W	80 000 U/g
24	Endo-1,3(4)-beta-glucanase EC 3.2.1.6 produced by <i>Penicillium funiculo sum</i> IMI SD 101, <i>Trichoderma longibrachiatum</i> CBS 526.94 and <i>Trichoderma longibrachiatum</i> CNCM MA 6 10-W	2 250 U/g
25	Endo-1,3(4)-beta-glucanase EC 3.2.1.6 produced by <i>Penicillium funiculo sum</i> IMI SD 101, <i>Trichoderma longibrachiatum</i> CBS 526.94 and <i>Trichoderma longibrachiatum</i> CNCM MA 6 10-W	9 000 U/g
26	Endo-1,3(4)-beta-glucanase EC 3.2.1.6 produced by <i>Penicillium funiculo sum</i>	16 000 U/g

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	IMI SD 101, <i>Trichoderma longibrachiatum</i> CBS 526.94 and <i>Trichoderma longibrachiatum</i> CNCM MA 6 10-W	
27	Endo-1,3(4)-beta-glucanase EC 3.2.1.6 produced by <i>Penicillium funiculo sum</i> PF8/403 IMI SD 101	500 U/ml
	Endo-1,4-beta-xylanase EC 3.2.1.8 produced by <i>Penicillium funiculosum</i> PF8/403 IMI SD 101	350 U/ml
28	Endo-1,3(4)-beta-glucanase EC 3.2.1.6 produced by <i>Penicillium funiculo sum</i> PF8/403 IMI SD 101	2 000 U/g
	Endo-1,4-beta-xylanase EC 3.2.1.8 produced by <i>Penicillium funiculosum</i> PF8/403 IMI SD 101	1 400 U/g
29	Endo-1,3(4)-beta-glucanase EC 3.2.1.6 produced by <i>Penicillium funiculo sum</i> IMI SD 101, <i>Trichoderma longibrachiatum</i> CBS 526.94, <i>Trichoderma longibrachiatum</i> CNCM MA 6 10-W	13 000 U/g
30	Endo-1,3(4)-beta-glucanase EC 3.2.1.6 produced by <i>Trichoderma longi brachiatum</i> ATCC SD 2106	100 U/g
	Endo-1,4-beta-xylanase EC 3.2.1.8 produced by <i>Trichoderma longibrachia tum</i> ATCC SD 2105, <i>Trichoderma longibrachiatum</i> ATCC SD 2106 and <i>Trichoderma koningii</i> IMI SD 135	300 U/g
	Bacillolysin EC 3.4.24.28 produced by <i>Bacillus subtilis</i> ATCC SD 2107 and <i>Bacillus amyloliquefaciens</i> DSM 9554	800 U/g
31	Endo-1,3(4)-beta-glucanase EC 3.2.1.6 produced by	200 U/ml

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	<i>Trichoderma longi brachiatum</i> ATCC SD 2106	
32	Endo-1,3(4)-beta-glucanase EC 3.2.1.6 produced by <i>Trichoderma longi brachiatum</i> ATCC SD 2106	100 U/g
	Endo-1,4-beta-xylanase EC 3.2.1.8 produced by <i>Trichoderma longibrachia tum</i> ATCC SD 2105, <i>Trichoderma longibrachiatum</i> ATCC SD 2106 and <i>Trichoderma koningii</i> IMI SD 135	2 500 U/g
	Bacillolysin EC 3.4.24.28 produced by <i>Bacillus subtilis</i> ATCC SD 2107 and <i>Bacillus amyloliquefaciens</i> DSM 9554	800 U/g
33	Endo-1,3(4)-beta-glucanase EC 3.2.1.6 produced by <i>Trichoderma longi brachiatum</i> ATCC SD 2106	50 U/ml
	Endo-1,4-beta-xylanase EC 3.2.1.8 produced by <i>Trichoderma longibrachia tum</i> ATCC SD 2105	5 000 U/ml
34	Endo-1,3(4)-beta-glucanase EC 3.2.1.6 produced by <i>Trichoderma longi brachiatum</i> ATCC SD 2106	80 U/g
	Endo-1,4-beta-xylanase EC 3.2.1.8 produced by <i>Trichoderma longibrachia tum</i> ATCC SD 2105, <i>Trichoderma longibrachiatum</i> ATCC SD 2106 and <i>Trichoderma koningii</i> IMI SD 135	180 U/g
35	Endo-1,3(4)-beta-glucanase EC 3.2.1.6 produced by <i>Trichoderma longi brachiatum</i> ATCC SD 2106	160 U/ml
36	Endo-1,3(4)-beta-glucanase EC 3.2.1.6 produced by <i>Trichoderma longi brachiatum</i> ATCC SD 2106	150 U/g
	Endo-1,4-beta-xylanase EC 3.2.1.8 produced by	1 500 U/g



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	<i>Trichoderma longibrachiatum</i> ATCC SD 2106 and <i>Trichoderma koningii</i> IMI SD 135	
	Polygalacturonase EC 3.2.1.15 produced by <i>Aspergillus aculeatus</i> CBS 589.94	50 U/g
	Alpha-amylase EC 3.2.1.1 produced by <i>Bacillus amyloliquefaciens</i> DSM 9553	500 U/g
	Bacillolysin EC 3.4.24.28 produced by <i>Bacillus amyloliquefaciens</i> DSM 9554	800 U/g
37	Endo-1,3(4)-beta-glucanase EC 3.2.1.6 produced by <i>Trichoderma longi brachiatum</i> CBS 526.94	
	Mixed with a cereal based carrier (F)	10 000 BU/g
	Powder and granulate (P)	10 000 BU/g
	Liquid	50 000 BU/ml
38	Endo-1,3(4)-beta-glucanase EC 3.2.1.6 produced by <i>Trichoderma longi brachiatum</i> CBS 357.94	
	Endo-1,4-beta-xylanase EC 3.2.1.8 produced by <i>Trichoderma longibrachiatum</i> CBS 357.94	
	Powder	8 000 BGU/g (glucanase) 11 000 EXU/g (xylanase)
	Liquid	2 000 BGU/ml (glucanase) 2 750 EXU/ml (xylanase)
39	Endo-1,3(4)-beta-glucanase EC 3.2.1.6 produced by <i>Trichoderma longi brachiatum</i> CBS 526.94 and <i>Trichoderma longibrachiatum</i> CNCM MA 6 10-W	12 000 U/ml
40	Endo-1,3(4)-beta-glucanase EC 3.2.1.6 produced by	250 U/g

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	<i>Trichoderma longi brachiatum</i> ATCC SD 2106	
	Endo-1,4-beta-xylanase EC 3.2.1.8 produced by <i>Trichoderma longibrachia tum</i> ATCC SD 2105, <i>Trichoderma longibrachiatum</i> ATCC SD 2106 and <i>Trichoderma koningii</i> IMI SD 135	400 U/g
	Alpha-amylase EC 3.2.1.1 produced by <i>Bacillus amyloliquefaciens</i> DSM 9553	1 000 U/g
	Glucan-1,4-alpha-glucosidase EC 3.2.1.3 produced by <i>Aspergillus niger</i> ATCC SD 108	4 U/g
41	Endo-1,3(4)-beta-glucanase EC 3.2.1.6 produced by <i>Trichoderma longi brachiatum</i> ATCC SD 2106	250 U/g
	Endo-1,4-beta-xylanase EC 3.2.1.8 produced by <i>Trichoderma longibrachia tum</i> ATCC SD 2105, <i>Trichoderma longibrachiatum</i> ATCC SD 2106 and <i>Trichoderma koningii</i> IMI SD 135	400 U/g
	Alpha-amylase EC 3.2.1.1 produced by <i>Bacillus amyloliquefaciens</i> DSM 9553	1 000 U/g
	Bacillolysin EC 3.4.24.28 produced by <i>Bacillus subtilis</i> ATCC SD 2107	500 U/g
	Glucan-1, 4-alpha-glucosidase EC 3.2.1.3 produced by <i>Aspergillus niger</i> ATCC SD 2108	4 U/g
42	Endo-1,3(4)-beta-glucanase EC 3.2.1.6 produced by <i>Trichoderma longi brachiatum</i> ATCC SD 2106	400 U/g
	Endo-1,4-beta-xylanase EC 3.2.1.8 produced by <i>Trichoderma longibrachia tum</i> ATCC SD 2105, <i>Trichoderma longibrachiatum</i> ATCC	400 U/g

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	SD 2106 and <i>Trichoderma koningii</i> IMI SD 135	
43	Endo-1,3(4)-beta-glucanase EC 3.2.1.6 produced by <i>Trichoderma longi brachiatum</i> ATCC SD 2106	1 000 U/ml
44	Endo-1,3(4)-beta-glucanase EC 3.2.1.6 produced by <i>Trichoderma longi brachiatum</i> ATCC SD 2106	400 U/g
	Endo-1,4-beta-xylanase EC 3.2.1.8 produced by <i>Trichoderma longibrachiatum</i> ATCC SD 2106 and <i>Trichoderma koningii</i> IMI SD 135	400 U/g
	Polygalacturonase EC 3.2.1.15 produced by <i>Aspergillus aculeatus</i> CBS 589.94	50 U/g
45	Endo-1,3(4)-beta-glucanase EC 3.2.1.6 produced by <i>Trichoderma longi brachiatum</i> ATCC SD 2106	250 U/g
	Endo-1,4-beta-xylanase EC 3.2.1.8 produced by <i>Trichoderma longibrachiatum</i> ATCC SD 2106 and <i>Trichoderma koningii</i> IMI SD 135	400 U/g
	Alpha-amylase EC 3.2.1.1 produced by <i>Bacillus amyloliquefaciens</i> DSM 9553	1 000 U/g
	Glucan-1,4-alpha-glucosidase EC 3.2.1.3 produced by <i>Aspergillus niger</i> ATCC SD 2108	4 U/g
46	Endo-1,3(4)-beta-glucanase EC 3.2.1.6 produced by <i>Trichoderma longi brachiatum</i> ATCC SD 2106	150 U/g
	Endo-1,4-beta-xylanase EC 3.2.1.8 produced by <i>Trichoderma longibrachiatum</i> ATCC SD 2106 and	4 000 U/g

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	<i>Trichoderma koningii</i> IMI SD 135	
	Alpha-amylase EC 3.2.1.1 produced by <i>Bacillus amyloliquefaciens</i> DSM 9553	1 000 U/g
	Polygalacturonase EC 3.2.1.15 produced by <i>Aspergillus aculeatus</i> CBS 589.94	25 U/g
47	Endo-1,3(4)-beta-glucanase EC 3.2.1.6 produced by <i>Trichoderma longi brachiatum</i> CNCM MA 6 10-W	14 000 U/ml
48	Endo-1,3(4)-beta-glucanase EC 3.2.1.6 produced by <i>Trichoderma longi brachiatum</i> CNCM MA 6 10-W	70 000 U/g
49	Endo-1,3(4)-beta-glucanase EC 3.2.1.6 produced by <i>Trichoderma viride</i> CBS 517.94	
	Powder (P)	650 U/g
	Liquid (L)	325 U/ml
50	Endo-1,3(4)-beta-glucanase EC 3.2.1.6 produced by <i>Trichoderma longibrachia tum</i> ATCC SD 2106	1 200 U/ml
51	Endo-1,4-beta-xylanase EC 3.2.1.8 produced by <i>Aspergillus niger</i> CBS 270.95	
	Solid	28 000 EXU/g
	Liquid	14 000 EXU/ml
52	Endo-1,4-beta-xylanase EC 3.2.1.8 produced by <i>Aspergillus oryzae</i> DSM 10287	
	Coated (CT)	1 000 FXU/g
	Liquid (L)	650 FXU/ml
53	Endo-1,4-beta-xylanase EC 3.2.1.8 produced by <i>Aspergillus oryzae</i> DSM 10288	
	Coated (CT)	400 FXU/g
	Liquid (L)	275 FXU/ml

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54	Endo-1,4-beta-xylanase EC 3.2.1.8 produced by <i>Humicola insolens</i> DSM 10442  Alpha-amylase EC 3.2.1.1 produced by <i>Bacillus amyloliquefaciens</i> DSM 9553	
	Coated (CT)	600 FXU/g (xylanase)  50 KNU/g (amylase)
	Liquid (L)	300 FXU/ml (xylanase)  25 KNU/ml (amylase)
55	Endo-1,4-beta-xylanase EC 3.2.1.8 produced by <i>Humicola insolens</i> DSM 10442  Cellulase (endo-1,4-beta-glucanase) EC 3.2.1.4 produced by <i>Humicola insolens</i> DSM 10442	
	Coated (CT)	800 FXU/g (xylanase)  75 FBG/g (glucanase)
	Micro granulate (MG)	800 FXU/g (xylanase)  75 FBG/g (glucanase)
	Liquid (L)	550 FXU/ml (xylanase)  50 FBG/ml (glucanase)
	Slurry (SL)	1 600 FXU/ml (xylanase)  150 FBG/ml (glucanase)
56	Endo-1,4-beta-xylanase EC 3.2.1.8 produced by <i>Trichoderma koningii</i> IMI SD 135	
	Liquid	6 000 U/ml
	Solid	3 000 U/g
57	Endo-1,4-beta-xylanase EC 3.2.1.8 produced by <i>Trichoderma longibrachium</i> ATCC SD 2105 and <i>Trichoderma koningii</i> IMI SD 135	2 500 U/g

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<i>Item</i>	<i>Active constituent(s)</i>	<i>Activity units per gram (g) or per millilitre (ml)</i>
	Bacillolysin EC 3.4.24.28 produced by <i>Bacillus subtilis</i> ATCC SD 2107 and <i>Bacillus amyloliquefaciens</i> DSM 9554	800 U/g
58	Endo-1,4-beta-xylanase EC 3.2.1.8 produced by <i>Trichoderma longibrachia tum</i> ATCC SD 2105	5 000 U/ml
59	Endo-1,4-beta-xylanase EC 3.2.1.8 produced by <i>Trichoderma longibrachia tum</i> ATCC SD 2105 and <i>Trichoderma koningii</i> IMI SD 135	300 U/g
	Bacillolysin EC 3.4.24.28 produced by <i>Bacillus subtilis</i> ATCC SD 2107 and <i>Bacillus amyloliquefaciens</i> DSM 9554	4 000 U/g
	Alpha-amylase EC 3.2.1.1 produced by <i>Bacillus amyloliquefaciens</i> DSM 9553	400 U/g
	Polygalacturonase EC 3.2.1.15 produced by <i>Aspergillus aculeatus</i> CBS 589.94	25 U/g
60	Endo-1,4-beta-xylanase EC 3.2.1.8 produced by <i>Trichoderma longibrachia tum</i> ATCC SD 2105 and <i>Trichoderma koningii</i> IMI SD 135	2 000 U/g
61	Endo-1,4-beta-xylanase EC 3.2.1.8 produced by <i>Trichoderma longibrachia tum</i> ATCC SD 2105	4 000 U/ml
62	Endo-1,4-beta-xylanase EC 3.2.1.8 produced by <i>Trichoderma longibrachia tum</i> ATCC SD 2105 and <i>Trichoderma koningii</i> IMI SD 135	2 750 U/g
	Bacillolysin EC 3.4.24.28 produced by <i>Bacillus subtilis</i> ATCC SD 2107 and <i>Bacillus amyloliquefaciens</i> DSM 9554	5 000 U/g

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<i>Item</i>	<i>Active constituent(s)</i>	<i>Activity units per gram (g) or per millilitre (ml)</i>
63	Endo-1,4-beta-xylanase EC 3.2.1.8 produced by <i>Trichoderma longibrachia tum</i> ATCC SD 13631, <i>Trichoderma longibrachiatum</i> CBS 529.94, <i>Trichoderma longibrachiatum</i> CNCM MA 6 10-W and <i>Penicillium funiculosum</i> IMI SD 101	8 800 U/g
	Endo-1,3(4)-beta-glucanase EC 3.2.1.6 produced by <i>Penicillium funiculo sum</i> IMI SD 101, <i>Trichoderma longibrachiatum</i> CBS 526.94, <i>Trichoderma longibrachiatum</i> CNCM MA 6 10-W and <i>Trichoderma longibrachiatum</i> ATCC SD 13631	8 000 U/g
64	Endo-1,4-beta-xylanase EC 3.2.1.8 produced by <i>Trichoderma longibrachia tum</i> CBS 529.94	
	Endo-1,3(4)-beta-glucanase EC 3.2.1.6 produced by <i>Trichoderma longi brachiatum</i> CBS 526.94	
	Mixed with a cereal based carrier (F)	10 000 BXU/g (xylanase) 10 000 BU/g (glucanase)
	Powder and granulate (P)	10 000 BXU/g (xylanase) 10 000 BU/g (glucanase)
	Liquid	30 000 BXU/ml (xylanase) 30 000 BU/ml (glucanase)
65	Endo-1,4-beta-xylanase EC 3.2.1.8 produced by <i>Trichoderma longibrachia tum</i> MUCL 39203	
	Liquid	1 500 AXCU/ml
	Powder	1 500 AXCU/g
66	Endo-1,4-beta-xylanase EC 3.2.1.8 produced by <i>Trichoderma longibrachia tum</i> MUCL 39203	6 000 AXCU/g

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<i>Item</i>	<i>Active constituent(s)</i>	<i>Activity units per gram (g) or per millilitre (ml)</i>
67	Endo-1,4-beta-xylanase EC 3.2.1.8 produced by <i>Trichoderma longibrachia tum</i> CBS 592.94	
	Coated (CT)	400 FXU/g
	Liquid (L)	275 FXU/ml
68	Endo-1,4-beta-xylanase EC 3.2.1.8 produced by <i>Trichoderma longibrachia tum</i> ATCC SD 13631, <i>Trichoderma longibrachiatum</i> CBS 529.94 and <i>Trichoderma longibrachiatum</i> CNCM MA 6 10-W and <i>Penicillium funiculosum</i> IMI SD 101	8 000 U/g
	Endo-1,3(4)-beta-glucanase EC 3.2.1.6 produced by <i>Penicillium funiculosum</i> IMI SD 101, <i>Trichoderma longibrachiatum</i> CBS 526.94 and <i>Trichoderma longibrachiatum</i> CNCM MA 6 10-W and <i>Trichoderma longibrachiatum</i> ATCC SD 13631	8 000 U/g
69	Endo-1,4-beta-xylanase EC 3.2.1.8 produced by <i>Trichoderma longibrachia tum</i> CBS 529.94 and <i>Trichoderma longibrachiatum</i> CNCM MA 6 10-W	12 450 U/ml
	Endo-1,3(4)-beta-glucanase EC 3.2.1.6 produced by <i>Trichoderma longibrachiatum</i> CBS 526.94 and <i>Trichoderma longibrachiatum</i> CNCM MA 6 10-W	10 600 U/ml
70	Endo-1,4-beta-xylanase EC 3.2.1.8 produced by <i>Trichoderma longibrachia tum</i> ATCC SD 13631, <i>Trichoderma longibrachiatum</i> CBS 529.94, <i>Trichoderma longibrachiatum</i> CNCM MA 6 10-W and <i>Penicillium funiculosum</i> IMI SD 101	40 000 U/g



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<i>Item</i>	<i>Active constituent(s)</i>	<i>Activity units per gram (g) or per millilitre (ml)</i>
	Endo-1,3(4)-beta-glucanase EC 3.2.1.6 produced by <i>Penicillium funiculosum</i> IMI SD 101, <i>Trichoderma longibrachiatum</i> CBS 526.94 and <i>Trichoderma longibrachiatum</i> CNCM MA 6 10-W and <i>Trichoderma longibrachiatum</i> ATCC SD 13631	40 000 U/g
71	Endo-1,4-beta-xylanase EC 3.2.1.8 produced by <i>Trichoderma longibrachia tum</i> ATCC SD 2105	4 000 U/ml
72	Endo-1,4-beta-xylanase EC 3.2.1.8 produced by <i>Trichoderma longibrachia tum</i> ATCC SD 2105 and <i>Trichoderma koningii</i> IMI SD 135	5 000 U/g
	Bacillolysin EC 3.4.24.28 produced by <i>Bacillus subtilis</i> ATCC SD 2107	500 U/g
73	Endo-1,4-beta-xylanase EC 3.2.1.8 produced by <i>Trichoderma longibrachia tum</i> ATCC SD 2105	10 000 U/ml
74	Endo-1,4-beta-xylanase EC 3.2.1.8 produced by <i>Trichoderma longibrachia tum</i> MUCL 39203	
	Liquid	500 AXCU/ml
	Solid	2 000 AXCU/g
75	Endo-1,4-beta-xylanase EC 3.2.1.8 produced by <i>Trichoderma longibrachia tum</i> CNCM MA 6 10-W	
	Liquid	7 000 U/ml
	Solid	70 000 U/g
76	Endo-1,4-beta-xylanase EC 3.2.1.8 produced by <i>Trichoderma longibrachia tum</i> ATCC SD 13631, <i>Trichoderma longibrachiatum</i> CBS 529.94, <i>Trichoderma longibrachiatum</i>	15 000 U/g

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<i>Item</i>	<i>Active constituent(s)</i>	<i>Activity units per gram (g) or per millilitre (ml)</i>
	CNCM MA 6 10-W and <i>Penicillium funiculosum</i> IMI SD 101	
	Endo-1,3(4)-beta-glucanase EC 3.2.1.6 produced by <i>Penicillium funiculo sum</i> IMI SD 101, <i>Trichoderma longibrachiatum</i> CBS 526.94, <i>Trichoderma longibrachiatum</i> CNCM MA 6 10-W and <i>Trichoderma longibrachiatum</i> ATCC SD 13631	11 000 U/g
77	Endo-1,4-beta-xylanase EC 3.2.1.8 produced by <i>Trichoderma longibrachia tum</i> ATCC SD 13631, <i>Trichoderma longibrachiatum</i> CBS 529.94, <i>Trichoderma longibrachiatum</i> CNCM MA 6 10-W and <i>Penicillium funiculosum</i> IMI SD 101	17 000 U/g
	Endo-1,3(4)-beta-glucanase EC 3.2.1.6 produced by <i>Penicillium funiculo sum</i> IMI SD 101, <i>Trichoderma longibrachiatum</i> CBS 526.94, <i>Trichoderma longibrachiatum</i> CNCM MA 6 10-W and <i>Trichoderma longibrachiatum</i> ATCC SD 13631	12 000 U/g
78	Endo-1,4-beta-xylanase EC 3.2.1.8 produced by <i>Trichoderma longibrachia tum</i> CBS 529.94, and <i>Trichoderma longibrachiatum</i> CNCM MA 6 10-W	22 000 U/ml
	Endo-1,3(4)-beta-glucanase EC 3.2.1.6 produced by <i>Trichoderma longi brachiatum</i> CBS 526.94 and <i>Trichoderma longibrachiatum</i> CNCM MA 6 10-W	15 000 U/ml
79	Endo-1,4-beta-xylanase EC 3.2.1.8 produced by <i>Trichoderma longibrachia tum</i> ATCC SD 13631, <i>Trichoderma longibrachiatum</i> CBS 529.94, <i>Trichoderma longibrachiatum</i>	17 000 U/g

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<i>Item</i>	<i>Active constituent(s)</i>	<i>Activity units per gram (g) or per millilitre (ml)</i>
	CNCM MA 6 10-W and <i>Penicillium funiculosum</i> IMI SD 101	
	Endo-1,3(4)-beta-glucanase EC 3.2.1.6 produced by <i>Penicillium funiculo sum</i> IMI SD 101, <i>Trichoderma longibrachiatum</i> CBS 526.94, <i>Trichoderma longibrachiatum</i> CNCM MA 6 10-W and <i>Trichoderma longibrachiatum</i> ATCC SD 13631	11 000 U/g
80	Endo-1,4-beta-xylanase EC 3.2.1.8 produced by <i>Trichoderma longibrachia tum</i> ATCC SD 13631, <i>Trichoderma longibrachiatum</i> CBS 529.94, <i>Trichoderma longibrachiatum</i> CNCM MA 6 10-W and <i>Penicillium funiculosum</i> IMI SD 101	55 000 U/g
	Endo-1,3(4)-beta-glucanase EC 3.2.1.6 produced by <i>Penicillium funiculo sum</i> IMI SD 101, <i>Trichoderma longibrachiatum</i> CBS 526.94, <i>Trichoderma longibrachiatum</i> CNCM MA 6 10-W and <i>Trichoderma longibrachiatum</i> ATCC SD 13631	40 000 U/g
81	Endo-1,4-beta-xylanase EC 3.2.1.8 produced by <i>Trichoderma longibrachia tum</i> CBS 529.94 and <i>Trichoderma longibrachiatum</i> CNCM MA 6 10-W	16 500 U/ml
	Endo-1,3(4)-beta-glucanase EC 3.2.1.6 produced by <i>Trichoderma longi brachiatum</i> CBS 526.94 and <i>Trichoderma longibrachiatum</i> CNCM MA 6 10-W	11 250 U/ml
82	Endo-1,4-beta-xylanase EC 3.2.1.8 produced by <i>Trichoderma longibrachia tum</i> ATCC 13631, <i>Trichoderma longibrachiatum</i> CBS 529.94, <i>Trichoderma longibrachiatum</i>	4 250 U/g

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<i>Item</i>	<i>Active constituent(s)</i>	<i>Activity units per gram (g) or per millilitre (ml)</i>
	CNCM MA 6 10-W and <i>Penicillium funiculosum</i> IMI SD 101	
	Endo-1,3(4)-beta-glucanase EC 3.2.1.6 produced by <i>Penicillium funiculosum</i> IMI SD 101, <i>Trichoderma longibrachiatum</i> CBS 526.94, <i>Trichoderma longibrachiatum</i> CNCM MA 6 10-W and <i>Trichoderma longibrachiatum</i> ATCC SD 13631	2 750 U/g
83	Endo-1,4-beta-xylanase EC 3.2.1.8 produced by <i>Trichoderma longibrachiatum</i> ATCC SD 2105 and <i>Trichoderma koningii</i> IMI SD 135	4 000 U/g
84	Endo-1,4-beta-xylanase EC 3.2.1.8 produced by <i>Trichoderma longibrachiatum</i> ATCC SD 2105	8 000 U/ml
85	Exo-1,4-beta-xylosidase EC 3.2.1.37 produced by <i>Aspergillus niger</i> CBS 520.94	
	Powder (P)	600 U/g
	Liquid (L)	300 U/ml
86	Subtilisin EC 3.4.21.62 produced by <i>Bacillus licheniformis</i> DSM 9552	
	Coated (CT)	3.0 AU/g
	Micro granulate (MG)	1.5 AU/g
	Liquid (L)	2.8 AU/ml

### **SECTION B. MICRO-ORGANISMS**

<i>Item</i>	<i>Active constituent(s)</i>	<i>Colony-Forming Units (CFU) per gram (g)</i>
1	<i>Bacillus cereus</i> CIP 5832/ ATCC 14893	10 <sup>10</sup> CFU/g
2	<i>Bacillus subtilis</i> CNCM MA 66/4M	0.2×10 <sup>10</sup> CFU/g

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<i>Item</i>	<i>Active constituent(s)</i>	<i>Colony-Forming Units (CFU) per gram (g)</i>
	<i>Bacillus subtilis</i> CNCM MA 23/3V	$0.4 \times 10^{10}$ CFU/g
3	<i>Enterococcus faecium</i> 202 DSM 4788/ATCC 53519	$1 \times 10^8$ CFU/g
	<i>Enterococcus faecium</i> 301 DSM 4789/ATCC 55593	$1 \times 10^8$ CFU/g
4	<i>Enterococcus faecium</i> Cernelle 68 NCIMB 10415	$1 \times 10^{10}$ CFU/g
5	<i>Enterococcus faecium</i> M 74 NCIMB 11181/DSM 5464	$1 \times 10^{10}$ CFU/g
6	<i>Enterococcus faecium</i> M74 NCIMB 11181	
	— L-400 spray	$400 \times 10^9$ CFU/g
	— L-50	$50 \times 10^9$ CFU/g
	— L-50 caps	$50 \times 10^9$ CFU/g
	— L-10	$10 \times 10^9$ CFU/g
	— L-05	$5 \times 10^9$ CFU/g
7	<i>Lactobacillus casei</i> spp. <i>casei</i> NCIMB 30096	$2 \times 10^9$ CFU/g
	<i>Enterococcus faecium</i> NCIMB 30098	$6 \times 10^9$ CFU/g
8	<i>Lactobacillus reuteri</i> ATCC 53608	$10^7$ CFU/g
9	<i>Lactobacillus reuteri</i> ATCC 55149	$10^7$ CFU/g
10	<i>Lactobacillus reuteri</i> ATCC 55148	$10^7$ CFU/g
11	<i>Pediococcus acidilactici</i> CNCM MA 28/6B	$10^6$ — $10^7$ CFU/g
	<i>Lactobacillus reuteri</i> ( <i>L. fermentum</i> ) CNCM MA 28/6E-g	$10^4$ — $10^5$ CFU/g
	<i>Lactobacillus reuteri</i> (atypical <i>casei</i> ) CNCM MA 28/6U-g	$10^5$ CFU/g
	<i>Lactobacillus brevis</i> CNCM MA 28/6R-p	$10^5$ CFU/g
	<i>Lactobacillus plantarum</i> CNCM MA 40/5B-p	$10^5$ — $10^6$ CFU/g

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<i>Item</i>	<i>Active constituent(s)</i>	<i>Colony-Forming Units (CFU) per gram (g)</i>
12	<i>Pediococcus acidilactici</i> CNCM MA 18/5M	$10^{10}$ CFU/g
13	<i>Saccharomyces cerevisiae</i> CNCM I-1077	min. $20 \times 10^9$ CFU/g
14	<i>Saccharomyces cerevisiae</i> CNCM I-1079	min. $20 \times 10^9$ CFU/g
15	<i>Saccharomyces cerevisiae</i> <sup>1026</sup> CBS 493.94	$10^8$ CFU/g
16	<i>Saccharomyces cerevisiae</i> Sc 47 NCYC Sc 47	min. $5 \times 10^9$ CFU/g