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FOOD STANDARDS

**Food Standards
Australia New Zealand**

*Australia New Zealand
Food Standards Code –
Amendment No. 94 – 2007*

Australia New Zealand Food Standards Code – Amendment No. 94 – 2007

Food Standards Australia New Zealand Act 1991

Preamble

The variations set forth in the Schedule below are variations to Standards in the *Australia New Zealand Food Standards Code* published by the National Health and Medical Research Council in the *Commonwealth of Australia Gazette*, No. P 27, on 27 August 1987, which have been varied from time to time.

These variations are published pursuant to section 23A of the *Food Standards Australia New Zealand Act 1991*.

Citation

These variations may be collectively known as the *Australia New Zealand Food Standards Code – Amendment No. 94 – 2007*.

Commencement

These variations commence on 11 October 2007.

SCHEDULE

[1] **Standard 1.3.3** is varied by –

[1.1] *omitting from clause 1 the definition of EC [number], substituting –*

EC number (Enzyme Commission number) means the number which the Enzyme Commission uses to classify the principal enzyme activity.

[1.2] *omitting from the Table to clause 14, cupric citrate on a bentonite base, substituting –*

Cupric citrate	Removal of sulphide compounds from wine	GMP
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[1.3] *omitting the Table to clause 15, substituting –*

Table to clause 15

Enzyme	Source
Lipase, triacylglycerol EC 3.1.1.3	Bovine stomach; salivary glands or forestomach of calf, kid or lamb; porcine or bovine pancreas
Pepsin EC 3.4.23.1	Bovine or porcine stomach
Phospholipase A ₂ EC 3.1.1.4	Porcine pancreas
Thrombin EC 3.4.21.5	Bovine or porcine blood
Trypsin EC 3.4.21.4	Porcine or bovine pancreas

[1.4] *omitting the Table to clause 16, substituting –*

Table to clause 16

Enzyme	Source
α -Amylase EC 3.2.1.1	Malted cereals
β -Amylase EC 3.2.1.2	Sweet potato (<i>Ipomoea batatas</i>) Malted cereals
Actinidin EC 3.4.22.14	Kiwifruit (<i>Actinidia deliciosa</i>)
Bromelain EC 3.4.22.4	Pineapple stem (<i>Ananas comosus</i>)
Ficin EC 3.4.22.3	<i>Ficus</i> spp.
Papain EC 3.4.22.2	<i>Carica papaya</i>

[1.5] *omitting the Table to clause 17, substituting –*

Table to clause 17

Enzyme	Source
α -Acetolactate decarboxylase EC 4.1.1.5	<i>Bacillus amyloliquefaciens</i> <i>Bacillus subtilis</i> <i>Bacillus subtilis</i> , containing the gene for α -Acetolactate decarboxylase isolated from <i>Bacillus brevis</i>
Aminopeptidase EC 3.4.11.1	<i>Aspergillus oryzae</i> <i>Lactococcus lactis</i>
α -Amylase EC 3.2.1.1	<i>Aspergillus niger</i> <i>Aspergillus oryzae</i> <i>Bacillus amyloliquefaciens</i> <i>Bacillus licheniformis</i> <i>Bacillus licheniformis</i> , containing the gene for α -Amylase isolated from <i>Geobacillus stearothermophilus</i> <i>Bacillus subtilis</i> <i>Bacillus subtilis</i> , containing the gene for α -Amylase isolated from <i>Geobacillus stearothermophilus</i> <i>Geobacillus stearothermophilus</i>
β -Amylase EC 3.2.1.2	<i>Bacillus amyloliquefaciens</i> <i>Bacillus subtilis</i>
α -Arabinofuranosidase EC 3.2.1.55	<i>Aspergillus niger</i>
Carboxyl proteinase EC 3.4.23.6	<i>Aspergillus melleus</i> <i>Aspergillus niger</i> <i>Aspergillus oryzae</i> <i>Rhizomucor miehei</i>
Carboxylesterase EC 3.1.1.1	<i>Rhizomucor miehei</i>
Catalase EC 1.11.1.6	<i>Aspergillus niger</i> <i>Micrococcus luteus</i>
Cellulase EC 3.2.1.4	<i>Aspergillus niger</i> <i>Trichoderma reesei</i> <i>Trichoderma viride</i>
Chymosin EC 3.4.23.4	<i>Aspergillus niger</i> <i>Escherichia coli</i> K-12 strain GE81 <i>Kluyveromyces lactis</i>
Cyclodextrin glucanotransferase EC 2.4.1.19	<i>Paenibacillus macerans</i>
Dextranase EC 3.2.1.11	<i>Chaetomium gracile</i> <i>Penicillium lilacinum</i>
Endo-arabinase EC 3.2.1.99	<i>Aspergillus niger</i>
α -Galactosidase EC 3.2.1.22	<i>Aspergillus niger</i>
β -Galactosidase EC 3.2.1.23	<i>Aspergillus niger</i> <i>Aspergillus oryzae</i> <i>Kluyveromyces marxianus</i> <i>Kluyveromyces lactis</i>
Glucan 1,3- β -glucosidase EC 3.2.1.58	<i>Trichoderma harzianum</i>
β -Glucanase EC 3.2.1.6	<i>Aspergillus niger</i> <i>Aspergillus oryzae</i> <i>Bacillus amyloliquefaciens</i> <i>Bacillus subtilis</i> <i>Disporotrichum dimorphosporum</i> <i>Humicola insolens</i> <i>Talaromyces emersonii</i> <i>Trichoderma reesei</i>

Glucoamylase EC 3.2.1.3	<i>Aspergillus niger</i> <i>Aspergillus oryzae</i> <i>Rhizopus delemar</i> <i>Rhizopus oryzae</i> <i>Rhizopus niveus</i>
Glucose oxidase EC 1.1.3.4	<i>Aspergillus niger</i> <i>Aspergillus oryzae</i> , containing the gene for glucose oxidase isolated from <i>Aspergillus niger</i>
α -Glucosidase EC 3.2.1.20	<i>Aspergillus oryzae</i> <i>Aspergillus niger</i>
β -Glucosidase EC 3.2.1.21	<i>Aspergillus niger</i>
Hemicellulase endo-1,3- β -xylanase EC 3.2.1.32	<i>Humicola insolens</i>
Hemicellulase endo-1,4- β -xylanase EC 3.2.1.8	<i>Aspergillus niger</i> <i>Aspergillus oryzae</i> <i>Aspergillus oryzae</i> , containing the gene for Endo-1,4- β -xylanase isolated from <i>Aspergillus aculeatus</i> <i>Aspergillus oryzae</i> , containing the gene for Endo-1,4- β -xylanase isolated from <i>Thermomyces lanuginosus</i> <i>Bacillus amyloliquefaciens</i> <i>Bacillus subtilis</i> <i>Humicola insolens</i> <i>Trichoderma reesei</i>
Hemicellulase multicomponent enzyme EC 3.2.1.78	<i>Aspergillus niger</i> <i>Bacillus amyloliquefaciens</i> <i>Bacillus subtilis</i> <i>Trichoderma reesei</i>
Hexose oxidase EC 1.1.3.5	<i>Hansenula polymorpha</i> , containing the gene for Hexose oxidase isolated from <i>Chondrus crispus</i>
Inulinase EC 3.2.1.7	<i>Aspergillus niger</i>
Invertase EC 3.2.1.26	<i>Saccharomyces cerevisiae</i>
Lipase, monoacylglycerol EC 3.1.1.23	<i>Penicillium camembertii</i>
Lipase, triacylglycerol EC 3.1.1.3	<i>Aspergillus niger</i> <i>Aspergillus oryzae</i> <i>Aspergillus oryzae</i> , containing the gene for Lipase, triacylglycerol isolated from <i>Fusarium oxysporum</i> <i>Aspergillus oryzae</i> , containing the gene for Lipase, triacylglycerol isolated from <i>Humicola lanuginosa</i> <i>Aspergillus oryzae</i> , containing the gene for Lipase, triacylglycerol isolated from <i>Rhizomucor miehei</i> <i>Candida rugosa</i> <i>Hansenula polymorpha</i> , containing the gene for Lipase, triacylglycerol isolated from <i>Fusarium heterosporum</i> <i>Mucor javanicus</i> <i>Penicillium roquefortii</i> <i>Rhizopus arrhizus</i> <i>Rhizomucor miehei</i> <i>Rhizophus niveus</i> <i>Rhizophus oryzae</i>
Lysophospholipase EC 3.1.1.5	<i>Aspergillus niger</i>
Maltogenic α -amylase EC 3.2.1.133	<i>Bacillus subtilis</i> containing the gene for maltogenic α -amylase isolated from <i>Geobacillus stearothermophilus</i>

Metalloproteinase	<i>Aspergillus oryzae</i> <i>Bacillus amyloliquefaciens</i> <i>Bacillus coagulans</i> <i>Bacillus subtilis</i>
Mucorpepsin EC 3.4.23.23	<i>Aspergillus oryzae</i> <i>Aspergillus oryzae</i> , containing the gene for Aspartic proteinase isolated from <i>Rhizomucor meihei</i> <i>Rhizomucor meihei</i> <i>Cryphonectria parasitica</i>
Pectin lyase EC 4.2.2.10	<i>Aspergillus niger</i>
Pectinesterase EC 3.1.1.11	<i>Aspergillus niger</i> <i>Aspergillus oryzae</i> , containing the gene for pectinesterase isolated from <i>Aspergillus aculeatus</i>
Phospholipase A ₁ EC 3.1.1.32	<i>Aspergillus oryzae</i> , containing the gene for phospholipase A ₁ isolated from <i>Fusarium venenatum</i>
Phospholipase A ₂ EC 3.1.1.4	<i>Streptomyces violaceoruber</i>
3-Phytase EC 3.1.3.8	<i>Aspergillus niger</i>
4-Phytase EC 3.1.3.26	<i>Aspergillus oryzae</i> , containing the gene for 4-phytase isolated from <i>Peniophora lycii</i>
Polygalacturonase or Pectinase multicomponent enzyme EC 3.2.1.15	<i>Aspergillus niger</i> <i>Aspergillus oryzae</i> <i>Trichoderma reesei</i>
Pullulanase EC 3.2.1.41	<i>Bacillus acidopullulyticus</i> <i>Bacillus amyloliquefaciens</i> <i>Bacillus licheniformis</i> <i>Bacillus subtilis</i> <i>Klebsiella pneumoniae</i>
Serine proteinase EC 3.4.21.14	<i>Aspergillus oryzae</i> <i>Bacillus amyloliquefaciens</i> <i>Bacillus halodurans</i> <i>Bacillus licheniformis</i> <i>Bacillus subtilis</i>
Transglucosidase EC 2.4.1.24	<i>Aspergillus niger</i>
Transglutaminase EC 2.3.2.13	<i>Streptomyces mobaraensis</i>
Urease EC 3.5.1.5	<i>Lactobacillus fermentum</i>
Xylose isomerase EC 5.3.1.5	<i>Actinoplanes missouriensis</i> <i>Bacillus coagulans</i> <i>Microbacterium arborescens</i> <i>Streptomyces olivaceus</i> <i>Streptomyces olivochromogenes</i> <i>Streptomyces murinus</i> <i>Streptomyces rubiginosus</i>

[1.6] omitting the Editorial note, immediately following the Table to clause 17, substituting –

Editorial note:

Bacillus amyloliquefaciens is a separate species from *Bacillus subtilis*.
Aspergillus niger group covers strains known under the names *Aspergillus aculeatus*, *A. awamori*, *A. ficuum*, *A. foetidus*, *A. japonicus*, *A. phoenicis*, *A. saitor* and *A. usamii*.
Trichoderma reesei also known as *Trichoderma longibrachiatum*.

Kluyveromyces marxianus – former names *Saccharomyces fragilis* and *Kluyveromyces fragilis*.
Kluyveromyces lactis – former name *Saccharomyces lactis*.
Rhizomucor miehei – former name *Mucor miehei*.
Micrococcus luteus – former name *Micrococcus lysodeikticus*.
Paenibacillus macerans – former name *Bacillus macerans*.
Talaromyces emersonii – former name *Penicillium emersonii*.
Klebsiella pneumoniae – former name *Klebsiella aerogenes*.
Streptomyces mobaraensis – former name *Streptoverticillium mobaraensis*.
Humicola lanuginosa also known as *Thermomyces lanuginosus*.
Mucor javanicus also known as *Mucor circinelloides* f. *circinelloides*.
Penicillium roquefortii also known as *Penicillium roqueforti*.
Hansenula polymorpha also known as *Pichia angusta*.
Geobacillus stearothermophilus – former name *Bacillus stearothermophilus*.
4-Phytase also known as 6-phytase.

[2] **Standard 1.4.2** is varied by –

[2.1] omitting from Schedule 1 all entries for the following chemical –

Coumaphos

[2.2] inserting in Schedule 1 –

AZIMSULFURON	
AZIMSULFURON	
EDIBLE OFFAL (MAMMALIAN)	*0.02
EGGS	*0.02
MEAT (MAMMALIAN)	*0.02
MILKS	*0.02
POULTRY, EDIBLE OFFAL OF	*0.02
POULTRY MEAT	*0.02
RICE	*0.02
PROHEXADIONE-CALCIUM	
SUM OF THE FREE AND CONJUGATED FORMS OF PROHEXADIONE EXPRESSED AS PROHEXADIONE	
APPLE	*0.02
EDIBLE OFFAL (MAMMALIAN)	*0.05
MEAT (MAMMALIAN)	*0.05
MILKS	*0.01

[2.3] omitting from Schedule 1 the chemical residue definition for the chemical appearing in Column 1 of the Table to this sub-item, substituting the chemical residue definition appearing in Column 2 –

COLUMN 1	COLUMN 2
THIABENDAZOLE	COMMODITIES OF PLANT ORIGIN: THIABENDAZOLE COMMODITIES OF ANIMAL ORIGIN: SUM OF THIABENDAZOLE AND 5- HYDROXYTHIABENDAZOLE, EXPRESSED AS THIABENDAZOLE

[2.4] omitting from Schedule 1 the foods and associated MRLs for each of the following chemicals –

INDOXACARB INDOXACARB	
WINE GRAPES	1
PACLOBUTRAZOL PACLOBUTRAZOL	
ASSORTED TROPICAL AND SUB-TROPICAL FRUITS – INEDIBLE PEEL [EXCEPT AVOCADO]	*0.01
PROCYMIDONE PROCYMIDONE	
BEANS [EXCEPT GREEN BEANS]	T10
TETRACHLORVINPHOS TETRACHLORVINPHOS	
LEAFY VEGETABLES	2

[2.5] inserting in alphabetical order in Schedule 1, the foods and associated MRLs for each of the following chemicals –

AZOXYSTROBIN AZOXYSTROBIN	
BROCCOLI	T0.5
BRUSSELS SPROUTS	T0.5
CAULIFLOWER	T0.5
EGGS	*0.01
POULTRY, EDIBLE OFFAL OF	*0.01
POULTRY MEAT	*0.01
BIFENTHRIN BIFENTHRIN	
TARO	T*0.05
CHLOROTHALONIL <i>COMMODITIES OF PLANT ORIGIN:</i> CHLOROTHALONIL <i>COMMODITIES OF ANIMAL ORIGIN:</i> SUM OF CHLOROTHALONIL AND 4-HYDROXY-2, 5, 6- TRICHLOROISOPHTHALONITRILE METABOLITE, EXPRESSED AS CHLOROTHALONIL	
ASPARAGUS	T*0.1
CYPERMETHRIN CYPERMETHRIN, SUM OF ISOMERS	
LEEK	T0.5
SHALLOT	T0.5
SPRING ONION	T0.5
DIFENOCONAZOLE DIFENOCONAZOLE	
BEETROOT	T0.2

ETHEPHON ETHEPHON	
MANGO	T10
OLIVES	T5
WHEAT	T1
ETOXAZOLE ETOXAZOLE	
GRAPES	T0.5
PEAR	T0.2
STONE FRUITS	T0.5
INDOXACARB INDOXACARB	
DRIED GRAPES	2
GRAPES	0.5
LEAFY VEGETABLES [EXCEPT LETTUCE, HEAD]	5
LINSEED	T0.5
SAFFLOWER SEED	T0.5
STRAWBERRY	T1
MCPA MCPA	
RHUBARB	*0.02
METHOMYL SUM OF METHOMYL AND METHYL HYDROXYTHIOACETIMIDATE ('METHOMYL OXIME'), EXPRESSED AS METHOMYL <i>SEE ALSO THIODICARB</i>	
TARO	T1

PACLOBUTRAZOL PACLOBUTRAZOL	
ASSORTED TROPICAL AND SUB-TROPICAL FRUITS – INEDIBLE PEEL [EXCEPT AVOCADO AND MANGO]	*0.01
MANGO	T1
PROCYMIDONE PROCYMIDONE	
BROAD BEAN (DRY)	T10
BROAD BEAN (GREEN PODS AND IMMATURE SEEDS)	T10
COMMON BEAN (DRY)	T10
COMMON BEAN (PODS AND/OR IMMATURE SEEDS)	T3
PROPICONAZOLE PROPICONAZOLE	
ASPARAGUS	T*0.1

PYMETROZINE PYMETROZINE	
PODDED PEA (YOUNG PODS) (SNOW AND SUGAR SNAP)	0.3
TEBUCONAZOLE TEBUCONAZOLE	
ASPARAGUS	T*0.02
THIABENDAZOLE COMMODITIES OF PLANT ORIGIN: THIABENDAZOLE COMMODITIES OF ANIMAL ORIGIN: SUM OF THIABENDAZOLE AND 5- HYDROXYTHIABENDAZOLE, EXPRESSED AS THIABENDAZOLE	
SWEET POTATO	T0.05

[1.6] omitting from Schedule 1, under the entries for the following chemicals, the maximum residue limit for the food, substituting –

AZOXYSTROBIN AZOXYSTROBIN	
PEANUT	0.05
PEANUT OIL, CRUDE	0.1
ETHEPHON ETHEPHON	
BARLEY	1
GLUFOSINATE AND GLUFOSINATE-AMMONIUM SUM OF GLUFOSINATE-AMMONIUM, N-ACETYL GLUFOSINATE AND 3-[HYDROXY(METHYL)- PHOSPHINOYL] PROPIONIC ACID, EXPRESSED AS GLUFOSINATE (FREE ACID)	
COTTON SEED	3
GLYPHOSATE SUM OF GLYPHOSATE AND AMINOMETHYLPHOSPHONIC ACID (AMPA) METABOLITE, EXPRESSED AS GLYPHOSATE	
COTTON SEED	15
IMIDACLOPRID SUM OF IMIDACLOPRID AND METABOLITES CONTAINING THE 6- CHLOROPYRIDINYLMETHYLENE MOIETY, EXPRESSED AS IMIDACLOPRID	
BANANA	0.5

CITRUS FRUITS	2
QUINOXYFEN QUINOXYFEN	
DRIED GRAPES	2
GRAPES	0.6
THIAMETHOXAM COMMODITIES OF PLANT ORIGIN: THIAMETHOXAM COMMODITIES OF ANIMAL ORIGIN: SUM OF THIAMETHOXAM AND N-(2-CHLORO-THIAZOL- 5-YLMETHYL)-N'-METHYL-N'-NITRO- GUANIDINE, EXPRESSED AS THIAMETHOXAM	
SUNFLOWER SEED	*0.02
TRIFLOXYSULFURON SODIUM TRIFLOXYSULFURON	
SUGAR CANE	*0.01
UNICONAZOLE-P SUM OF UNICONAZOLE-P AND ITS Z-ISOMER EXPRESSED AS UNICONAZOLE-P	
AVOCADO	0.5

[3] *Standard 2.2.1* is varied by omitting from clause 1 the definition of meat pie, substituting –

meat pie means a pie containing no less than 250 g/kg of meat flesh.

[4] *Standard 4.5.1 is varied by omitting from the Table to clause 4, cupric citrate on a bentonite base, substituting –*

Cupric citrate

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