

Schedule 27 Microbiological limits in food

Note 1 This instrument is a standard under the *Food Standards Australia New Zealand Act 1991* (Cth). The standards together make up the *Australia New Zealand Food Standards Code*. See also section 1.1.1—3.

Microbiological limits in food are regulated by subsection 1.1.1—11 and Standard 1.6.1. This Standard lists information for section 1.6.1—2 and subsection 1.6.1—3(2).

Note 2 The provisions of the Code that apply in New Zealand are incorporated in, or adopted under, the *Food Act 2014* (NZ). See also section 1.1.1—3.

S27—1 Name

This Standard is *Australia New Zealand Food Standards Code – Schedule 27 – Microbiological limits in food*.

Note Commencement:
This Standard commences on 1 March 2016, being the date specified as the commencement date in notices in the *Gazette* and the *New Zealand Gazette* under section 92 of the *Food Standards Australia New Zealand Act 1991* (Cth). See also section 93 of that Act.

S27—2 Definitions

Note In this Code (see section 1.1.2—2):

SPC means a standard plate count at 30°C with an incubation time of 72 hours.

In this Schedule:

processed, in relation to egg product, means pasteurised or subjected to an equivalent treatment.

S27—4 Microbiological limits in food

For section 1.6.1—2, the table is:

Microbiological limits in food

Column 1	Column 2 (n)	Column 3 (c)	Column 4 (m)	Column 5 (M)
All cheese				
<i>Escherichia coli</i>	5	1	10/g	10 ² /g
Raw milk cheese				
<i>Salmonella</i>	5	0	not detected in 25 g	
Staphylococcal enterotoxins	5	0	not detected in 25 g	
Soft and semi-soft cheese (moisture content > 39%) with pH > 5.0				
<i>Salmonella</i>	5	0	not detected in 25 g	
Dried milk				
<i>Salmonella</i>	5	0	not detected in 25 g	
Unpasteurised milk for retail sale				
<i>Campylobacter</i>	5	0	not detected in 25 mL	
Coliforms	5	1	10 ² /mL	10 ³ /mL
<i>Escherichia coli</i>	5	1	3/mL	9/mL
<i>Salmonella</i>	5	0	not detected in 25 mL	
SPC	5	1	2.5x10 ⁴ /mL	2.5x10 ⁵ /mL
Packaged cooked cured/salted meat				
Coagulase-positive staphylococci	5	1	10 ² /g	10 ³ /g

Column 1	Column 2 (n)	Column 3 (c)	Column 4 (m)	Column 5 (M)
<i>Salmonella</i>	5	0	not detected in 25 g	
Packaged heat treated meat paste and packaged heat treated pâté				
<i>Salmonella</i>	5	0	not detected in 25 g	
All comminuted fermented meat which has not been cooked during the production process				
Coagulase-positive staphylococci	5	1	10 ³ /g	10 ⁴ /g
<i>Escherichia coli</i>	5	1	3.6/g	9.2/g
<i>Salmonella</i>	5	0	not detected in 25 g	
Cooked crustacea				
Coagulase-positive staphylococci	5	2	10 ² /g	10 ³ /g
<i>Salmonella</i>	5	0	not detected in 25 g	
SPC	5	2	10 ⁵ /g	10 ⁶ /g
Raw crustacea				
Coagulase-positive staphylococci	5	2	10 ² /g	10 ³ /g
<i>Salmonella</i>	5	0	not detected in 25 g	
SPC	5	2	5x10 ⁵ /g	5x10 ⁶ /g
Bivalve molluscs, other than scallops				
<i>Escherichia coli</i>	5	1	2.3/g	7/g
Ready-to-eat food in which growth of <i>Listeria monocytogenes</i> can occur				
<i>Listeria monocytogenes</i>	5	0	not detected in 25 g	
Ready-to-eat food in which growth of <i>Listeria monocytogenes</i> will not occur				
<i>Listeria monocytogenes</i>	5	0	10 ² cfu/g	
Cereal-based foods for infants				
Coliforms	5	2	less than 3/g	20/g
<i>Salmonella</i>	10	0	not detected in 25 g	
Powdered *infant formula, other than powdered *follow-on formula				
<i>Cronobacter</i>	30	0	not detected in 10g	
<i>Salmonella</i>	60	0	not detected in 25 g	
Powdered follow-on formula				
<i>Salmonella</i>	60	0	not detected in 25 g	
Pepper, paprika and cinnamon				
<i>Salmonella</i>	5	0	not detected in 25 g	
Dried, chipped, desiccated coconut				
<i>Salmonella</i>	10	0	not detected in 25 g	
Cocoa powder				
<i>Salmonella</i>	5	0	not detected in 25 g	
Cultured seeds and grains (bean sprouts, alfalfa etc)				
<i>Salmonella</i>	5	0	not detected in 25 g	

Column 1	Column 2 (n)	Column 3 (c)	Column 4 (m)	Column 5 (M)
Processed egg product				
<i>Salmonella</i>	5	0	not detected in 25 g	
Mineral water				
<i>Escherichia coli</i>	5	0	not detected in 100 mL	
Packaged water				
<i>Escherichia coli</i>	5	0	not detected in 100 mL	
Packaged ice				
<i>Escherichia coli</i>	5	0	not detected in 100 mL	

Application, saving and transitional provisions

The table below details information on application, saving or transitional provisions in instruments affecting this Standard.

Food Standards (Proposal P1039 – Microbiological Criteria for Infant Formula) Variation				
Instrument items affected	A'ment No.	FRL registration Gazette	Instrument's transitional provision	Description of transitional arrangement
Items [1] and [2] of the Schedule	163	F2016L00784 12 May 2016 FSC105 19 May 2016	Clause 4	Clause 4 provides that section 1.1.1—9 of the Code does not apply to the variations.

Amendment History

The Amendment History provides information about each amendment to the Schedule. The information includes commencement or cessation information for relevant amendments.

These amendments are made under section 92 of the *Food Standards Australia New Zealand Act 1991* unless otherwise indicated. Amendments do not have a specific date for cessation unless indicated as such.

About this compilation

This is compilation No. 3 of Schedule 27 as in force on **13 April 2017** (up to Amendment No. 168). It includes any commenced amendment affecting the compilation to that date.

Prepared by Food Standards Australia New Zealand on **13 April 2017**.

Uncommenced amendments or provisions ceasing to have effect

To assist stakeholders, the effect of any uncommenced amendments or provisions which will cease to have effect, may be reflected in the Schedule as shaded boxed text with the relevant commencement or cessation date. These amendments will be reflected in a compilation registered on the Federal Register of Legislation including or omitting those amendments and provided in the Amendment History once the date is passed.

The following abbreviations may be used in the table below:

ad = added or inserted
 exp = expired or ceased to have effect
 rs = repealed and substituted
 am = amended
 rep = repealed

Schedule 27 was published in the Food Standards Gazette No. FSC96 on 10 April 2015 as part of Amendment 154 (F2015L00453 — 1 April 2015) and has since been amended as follows:

Section affected	A'ment No.	FRL registration Gazette	Commencement (Cessation)	How affected	Description of amendment
Sched heading	157	F2015L01374 1 Sept 2015 FSC99 3 Sept 2015	1 March 2016	am	Title of Standard previously included in the Code as part of P1017 and related cross-reference in Note 1.

Section affected	A'ment No.	FRL registration Gazette	Commencement (Cessation)	How affected	Description of amendment
27—1	157	F2015L01374 1 Sept 2015 FSC99 3 Sept 2015	1 March 2016	am	Title of Standard previously included in the Code as part of P1017.
Note to 27—2	163	F2016L00784 12 May 2016 FSC105 19 May 2016	19 May 2016	rs	Note. <i>For application, saving and transitional provisions, see above table.</i>
27—3	163	F2016L00784 12 May 2016 FSC105 19 May 2016	19 May 2016	rep	Section. <i>For application, saving and transitional provisions, see above table.</i>
27—4, table to 27—4	157	F2015L01374 1 Sept 2015 FSC99 3 Sept 2015	1 March 2016	am	Headings to section and related table included in the Code as part of P1017.
table to S27—4	157	F2015L01374 1 Sept 2015 FSC99 3 Sept 2015	1 March 2016	am	Entries relating to cooked crustacea and ready-to-eat foods included in the Code as part of P1017.
table to S27—4	157	F2015L01374 1 Sept 2015 FSC99 3 Sept 2015	1 March 2016	rep	Entries relating to butter, all raw milk cheese, raw milk unripened cheeses (moisture content > 50% with pH > 5.0) arising from P1022.
table to S27—4	157	F2015L01374 1 Sept 2015 FSC99 3 Sept 2015	1 March 2016	ad	Entry relating to raw milk cheese included in the Code as part of P1022.
table to S27—4	157	F2015L01374 1 Sept 2015 FSC99 3 Sept 2015	1 March 2016	rs	Entries relating to unpasteurised milk for retail sale and powdered infant formula products included in the Code as part of P1017.
table to S27—4	163	F2016L00784 12 May 2016 FSC105 19 May 2016	19 May 2016	rs	Entry relating to powdered infant formula products. <i>For application, saving and transitional provisions, see above table.</i>
table to S27—4	168	F2017L00414 11 April 2017 FSC110 13 April 2017	13 April 2017	am	Corrections to typographical errors in the headings for powdered infant formula products and powdered follow-on formula.