Food Standards (Application A1214 – Nicotinamide riboside chloride as Vitamin B3 in FSMP) Variation

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The Board of Food Standards Australia New Zealand gives notice of the making of this variation under section 92 of the *Food Standards Australia New Zealand Act 1991*. The variation commences on the date specified in clause 3 of this variation.

Dated 13 October 2021

Sally Ronaldson
Delegate of the Board of Food Standards Australia New Zealand

Note:

This variation will be published in the Commonwealth of Australia Gazette No. FSC 144 on 21 October 2021. This means that this date is the gazettal date for the purposes of clause 3 of the variation.

1 Name

This instrument is the *Food Standards (Application A1214 – Nicotinamide riboside chloride as Vitamin B3 in FSMP) Variation*.

2 Variation to Standards in the *Australia New Zealand Food Standards Code*

The Schedule varies Standards in the *Australia New Zealand Food Standards Code*.

3 Commencement

The variation commences on the date of gazettal.

Schedule

[1] Schedule 3 is varied by

[1.1] inserting into the table to subsection S3—2(2), in alphabetical order

Nicotinamide riboside chloride	section S3—44

[1.2] inserting after section S3—43

S3—44 Specification for Nicotinamide riboside chloride

(1) In this section,

Nicotinamide riboside chloride (CAS Number 23111-00-4) is the chemical with:

(a) the chemical name Pyridinium, 3-(aminocarbonyl)-1-β-D-ribofuranosyl-, chloride (1:1);
(b) the formula $C_{11}H_{15}N_2O_5 \cdot Cl$;
(c) the formula weight 290.7 g/mol.

(2) For Nicotinamide riboside chloride, the specifications are the following:

(a) description—a white to light brown powder;
(b) solubility—freely soluble in water;
(c) assay—not less than 90.0 w/w % and not more than 103 w/w %;
(d) water—not more than 2.0 w/w %;
(e) residual solvents:
  (i) acetone—not more than 5000 ppm; and
  (ii) methanol—not more than 1000 ppm; and
  (iii) acetonitrile—not more than 50 ppm; and
  (iv) methyl tert-butyl ether—not more than 500 ppm;
(f) reaction by-products:
  (i) methyl acetate—not more than 1000 ppm; and
  (ii) acetamide—not more than 27 ppm; and
  (iii) acetic acid—not more than 5000 ppm;
(g) arsenic and heavy metals:
  (i) arsenic—not more than 1 ppm; and
  (ii) mercury—not more than 1 ppm; and
  (iii) cadmium—not more than 1 ppm; and
  (iv) lead—not more than 0.5 ppm;
(h) microbial limits:
  (i) standard plate count—maximum 1000 cfu/g; and
  (ii) yeast and mould—maximum 100 cfu/g; and
  (iii) *Escherichia coli*—absent in 10 g.

[2] Schedule 29 is varied by omitting from the table to section S29—20

Niacin	Nicotinic acid

substituting

Niacin	Nicotinamide riboside chloride
	Nicotinic acid