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| Crest 007 | **Commonwealth****of Australia** |  Gazette |
| No. FSC 128 Thursday 5 September 2019Published by Commonwealth of Australia | Food Standards |

**Amendment No. 187**

The following instruments are separate instruments in the Federal Register of Legislation and are known collectively in the Food Standards Gazette as Amendment No.187.

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ISSN 1446-9685

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**Food Standards (Application A1159 –** **Triacylglycerol lipase from *Trichoderma reesei* as a processing aid (enzyme)) Variation**

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 the variation.

Dated 28 August 2019



Joanna Richards

Standards Management Officer

Delegate of the Board of Food Standards Australia New Zealand

**Note:**

This variation will be published in the Commonwealth of Australia Gazette No. FSC 128 on 5 September 2019. This means that this date is the gazettal date for the purposes of the above notice.

**1 Name**

This instrument is the *Food Standards (Application A1159 – Triacylglycerol lipase from* Trichoderma reesei *as a processing aid (enzyme)) Variation*.

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

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

**3 Commencement**

The variation commences on the date of gazettal.

**Schedule**

**[1] Schedule 18** is varied by inserting in the table to section S18—9(3), in alphabetical order

|  |  |  |
| --- | --- | --- |
| Lipase, triacylglycerol (EC 3.1.1.3) sourced from *Trichoderma reesei* containing the lipase 3 gene from *Aspergillus tubingensis* | For use in the production of bakery products and brewing of cereal-based beverages. | GMP |



**Food Standards (Application A1160 –** **Aspergillopepsin I from *Trichoderma reesei* as a processing aid (enzyme)) Variation**

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 the variation.

Dated 28 August 2019



Joanna Richards

Standards Management Officer

Delegate of the Board of Food Standards Australia New Zealand

**Note:**

This variation will be published in the Commonwealth of Australia Gazette No. FSC 128 on 5 September 2019. This means that this date is the gazettal date for the purposes of the above notice.

**1 Name**

This instrument is the *Food Standards (Application A1160 – Aspergillopepsin I from*Trichoderma reesei *as a processing aid (enzyme)) Variation*.

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

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

**3 Commencement**

The variation commences on the date of gazettal.

**Schedule**

**[1] Schedule 18** is varied by inserting in the table to section S18—9(3), in alphabetical order

|  |  |  |
| --- | --- | --- |
| Aspergillopepsin I(EC 3.4.23.18) sourced from *Trichoderma reesei* containing the gene for aspergillopepsin Iisolated from*Trichoderma reesei* | For use in the manufacture of potable alcohol and of animal and vegetable protein products. | GMP |



**Food Standards (Application A1170 – Rebaudioside MD as a steviol glycoside from *Saccharomyces cerevisiae*) Variation**

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 28 August 2019



Joanna Richards

Standards Management Officer

Delegate of the Board of Food Standards Australia New Zealand

**Note:**

This variation will be published in the Commonwealth of Australia Gazette No. FSC 128 on 5 September 2019. 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 A1170 – Rebaudioside MD as a steviol glycoside from* Saccharomyces cerevisiae*) Variation*.

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

The Schedule varies a Standard 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 in the table to subsection S3—2(2) in alphabetical order

|  |  |
| --- | --- |
| steviol glycosides from fermentation | section S3—39 |

[1.2] inserting after section S3—38

**S3—39 Specification for steviol glycosides from fermentation**

1. This specification relates to a steviol glycosides preparation that:
2. is obtained from fermentation;
3. is not obtained from the leaves of the *Stevia rebaudiana* Bertoni plant; and
4. contains a prescribed steviol glycoside.
5. In this section,

***prescribed steviol glycoside*** means a steviol glycoside listed in the table below if the steviol glycoside is derived from the corresponding source specified in the table.

**Prescribed Steviol Glycosides**

| ***Steviol Glycoside*** | ***Source*** |
| --- | --- |
| Rebaudioside MD | *Saccharomyces cerevisiae* strain CD15407 containing novel genes for the production of rebaudiosides |

1. The specifications are the following:

 (a) Description—white to light yellow powder, approximately 200 to 300 times sweeter than sucrose;

 (b) Assay—not less than 95% of steviol glycosides on the dried basis;

 (c) Solubility—freely soluble in water;

 (d) pH—between 4.5 and 7.0 (1% solution);

 (e) Total ash—not more than 1%;

 (f) Loss on drying—not more than 6% (105°C, 2 hour);

 (g) Residual solvents—not more than 200 mg/kg methanol and not more than 5000 mg/kg ethanol;

 (h) Arsenic—not more than 1 mg/kg;

 (i) Lead—not more than 1 mg/kg;

 (j) Cadmium—not more than 1 mg/kg;

 (k) Mercury—not more than 1 mg/kg;

 (l) The final product may be spray dried.



**Food Standards (Application A1172 – Enzymatic Production of Rebaudioside D) Variation**

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 28 August 2019



Joanna Richards

Standards Management Officer

Delegate of the Board of Food Standards Australia New Zealand

**Note:**

This variation will be published in the Commonwealth of Australia Gazette No. FSC 128 on 5 September 2019. 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 A1172 – Enzymatic Production of Rebaudioside D) 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 omitting paragraph S3—35(2)(b), substituting

1. by enzymatic conversion of purified stevia leaf extract to produce rebaudioside M using protein engineered enzymes that:
2. contain both UDP‑glucosyltransferase (EC 2.4.1.17) and sucrose synthase (EC 2.4.1.13) components; and

 (ii) are sourced from both of the following:

 (a) a *Pichia pastoris* strain expressing UGT-A;

 (b) a *Pichia pastoris* strain expressing both UGT-B1 and UGT-B2;

1. by enzymatic conversion of purified stevia leaf extract to produce rebaudioside D using a protein engineered enzyme that:
2. contains both UDP‑glucosyltransferase (EC 2.4.1.17) and sucrose synthase (EC 2.4.1.13) components; and
3. is sourced from *Pichia pastoris* strain UGT-A.

**[2]** **Schedule 18** is varied by inserting in the table to subsection S18—9(3), in alphabetical order

| Protein engineered enzyme that: contains both UDP‑glucosyltransferase (EC 2.4.1.17) and sucrose synthase (EC 2.4.1.13) components; and is sourced from *Pichia pastoris* strain UGT-A. | For the conversion of purified stevia leaf extract to produce rebaudioside D. | GMP |
| --- | --- | --- |