

1. Table of permission for Steviol Glycoside

Code	Description	MPL(mg/kg)	Conditions
1.1.2	Liquid milk products and flavoured liquid milk	115	
1.2.2	Fermented milk products and renneted milk products	175	
3	ICE CREAM AND EDIBLE ICES	200	
4.3.2	Fruits and vegetables in vinegar, oil, brine or alcohol	160	
4.3.4	low joule chutneys, low joule jams and low joule spreads	450	
4.3.6	Fruit and vegetable preparations including pulp	210	
5.1	Chocolate and cocoa products	550	
5.2	Sugar confectionery	1100	
6.3	Processed cereal and meal products	250	
7.1	Breads and related products*, fancy breads	160	
7.2	Biscuits, cakes and pastries	160	
11.4	Tabletop sweeteners	GMP	
13.3	Formulated meal replacements and formulated supplementary foods	175	
13.4	Formulated supplementary sports foods	175	
14.1.2.1	Fruit and vegetable juices	50	
14.1.2.2.2	low joule fruit and vegetable juice products	125	
14.1.2.2.3	soy bean beverage (plain or flavoured)	100	Plain soy bean beverage only
14.1.2.2.3	soy bean beverage (plain or flavoured)	200	Flavoured soy bean beverage only
14.1.3	Water based flavoured drinks	200	
14.1.4	Formulated Beverages	200	
14.1.5	Coffee, coffee substitutes, tea, herbal infusions and similar products	100	
20.2.0.1	custard mix, custard powder and blancmange powder	80	
20.2.0.2	jelly	260	
20.2.0.3	dairy and fat based desserts, dips and snacks	150	dairy and fat based dessert products only
20.2.0.4	sauces and toppings (including mayonnaises and salad dressings)	320	

(a) MPL means the maximum permitted level, measured (unless otherwise indicated) in mg/kg;

(b) a reference to 'GMP' is a reference to the maximum level necessary to achieve 1 or more technological purposes under conditions of GMP.

2.Identity and purity

S3—31 Specification for rebaudioside M

(1) In this section:

rebaudioside M means the chemical with the Chemical Abstracts Service Registry Number 1220616-44-3 and the formula C₅₆H₉₀O₃₃.

(2) For rebaudioside M, the specifications are the following:

(a) assay—comprise not less than 95% on the dried basis;

(b) Chemical name—Rebaudioside M: 13-[(2-O-β-D-glucopyranosyl-3-O-β-D-glucopyranosyl-β-D-glucopyranosyl)oxy]kaur-16-en-18-oic acid, 2-O-β-D-glucopyranosyl-3-O-β-D-glucopyranosyl-β-D-glucopyranosyl ester;

(c) Formula weight—1,291.3.

(3) Subject to subsection (2), rebaudioside M must comply with one of the specifications that relate to steviol glycosides and that is JECFA,FCC , EU.

S3—32 Specification for steviol glycoside mixture including rebaudioside M

(1) In this section: prescribed steviol glycosides are:

(a) dulcoside A;

(b) rebaudioside A;

(c) rebaudioside B;

(d) rebaudioside C;

(e) rebaudioside D;

(f) rebaudioside F;

(g) rubusoside;

(h) steviolbioside; and

(i) stevioside.

(2) This specification relates to a mixture that contains rebaudioside M and one or more prescribed steviol glycosides.

(3) The rebaudioside M and the prescribed steviol glycoside or glycosides must together comprise not less than 95% of the mixture on the dried basis.

(4) Subject to subsection (3), the mixture must also comply with one of the specifications that relate to prescribed steviol glycosides and that is JECFA, FCC , EU.

S3—35 Specification for steviol glycosides from *Stevia rebaudiana* Bertoni

(1) This specification relates to a steviol glycosides preparation obtained from the leaves of the *Stevia rebaudiana* Bertoni plant.

(2) The preparation must be obtained from the leaves of the *Stevia rebaudiana* Bertoni plant by the following extraction processes. The leaves are extracted with hot water and the extracts are purified using ion-exchange resins followed by recrystallisation from methanol or aqueous ethanol. The final product may be spray dried.

(3) The preparation may contain different individual steviol glycosides.

(4) 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 Not more than 5000 mg/kg ethanol
- (h) Arsenic—not more than 1 mg/kg;
- (i) Lead—not more than 1 mg/kg;
- (j) INS number—960.

3.About Calculation

To calculate the steviol equivalent levels for a steviol glycoside, the following equation is used:

$$[SE] = \sum [SG] \times CF$$

[SE] is the concentration as steviol equivalents.

[SG] is the concentration of individual steviol glycoside.

CF is the conversion factor, as follows:

- (a) dulcoside A—0.40;
- (b) rebaudioside A—0.33;
- (c) rebaudioside B—0.40;
- (d) rebaudioside C—0.33;
- (e) rebaudioside D—0.28;
- (f) rebaudioside F—0.34;
- (g) rebaudioside M—0.25;
- (h) rubusoside—0.50;
- (i) steviolbioside—0.50;
- (j) stevioside—0.40;
- (k) any other steviol glycoside—0.33.