

เผยแพร่เดือนมีนาคม 2555



ระเบียบสหภาพยุโรป

เรื่อง เพิ่มเติมรายชื่อของ Steviol glycosides เป็น
วัตถุเจือปนอาหาร ในภาคผนวก 2 ของ
Regulation 1333/2008

(REGULATION (EU) No 1131/2011 of 11 November 2011 amending Annex II to Regulation (EC) No 1333/2008 of the European Parliament and of the Council with regard to steviol glycosides)

รายละเอียด	: ข้อกำหนดการใช้วัตถุเจือปนอาหารชนิด Steviol glycoside
กลุ่มอาหาร	: อาหารทุกชนิด
วันที่ออกประกาศ	: 11 พฤศจิกายน 2554
วันที่บังคับใช้	: 1 มิถุนายน 2556



ระเบียบสหภาพยุโรป

เรื่อง เพิ่มเติมรายชื่อของ Steviol Glycosides เป็นวัตถุ เจือปนอาหาร ในภาคผนวก 2 ของ Regulation 1333/2008

(REGULATION (EU) No 1131/2011 of 11 November 2011 amending Annex II to Regulation (EC) No 1333/2008 of the European Parliament and of the Council with regard to steviol glycosides)

บังคับใช้วันที่ 1 เดือน มิถุนายน พ.ศ. 2556

ความเป็นมา

หลังจากสหภาพยุโรปประกาศ REGULATION 1333/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL on Food additives เมื่อวันที่ 16 ธันวาคม พ.ศ. 2551 เพื่อเป็นข้อกำหนดสำหรับการใช้วัตถุเจือปนอาหาร โดยจะประกาศรายชื่อวัตถุเจือปนอาหารทั้งชนิดและปริมาณที่อนุญาตให้ใช้ในภาคผนวก 2 และ 3 (Annex II and III) ซึ่งต่อมาได้ประกาศในระเบียบ REGULATION 1129/2011 of 11 November 2011 amending Annex II to Regulation 1333/2008 of the European Parliament and of the Council by establishing a Union list of food additives และ REGULATION 1130/2011 of 11 November 2011 amending Annex III to Regulation (EC) No 1333/2008 of the European Parliament and of the Council on food additives by establishing a Union list of food additives approved for use in food additives, food enzymes, food flavourings and nutrients แต่ยังมีวัตถุเจือปนอาหารอีกหนึ่งชนิด ได้แก่ Steviol glycosides ซึ่งเป็นวัตถุให้ความหวานแทนน้ำตาลที่ได้ผ่านการประเมินความปลอดภัยจากสำนักงานความปลอดภัยอาหารแห่งสหภาพยุโรป (EFSA) เป็นที่เรียบร้อยแล้ว โดยกำหนดค่า ADI หรือ ปริมาณที่ควรได้รับต่อวันเท่ากับ 4 มิลลิกรัม/กิโลกรัมน้ำหนักตัว/วัน ดังนั้นคณะกรรมการอาหารยุโรปจึงประกาศกลุ่มอาหารและปริมาณสูงสุดที่อนุญาตให้ใช้สำหรับ Steviol glycosides ในระเบียบฉบับนี้เพิ่มเติม

รายละเอียดโดยสรุป

ข้อกำหนดการใช้ของ Steviol glycosides มีรายละเอียดโดยสรุปดังนี้

1. หมายเลข E number ของ Steviol glycosides คือ E 960
2. วัตถุประสงค์การใช้ เป็น สารให้ความหวาน (Sweetener)
3. วิเคราะห์ปริมาณที่เหลือในอาหารในรูปของ Steviol equivalents
4. กลุ่มอาหาร (Food categories) ที่กำหนดปริมาณสูงสุดที่อนุญาตให้เติม Steviol glycosides ได้แก่
 - Flavoured fermented milk products including heat treated products
 - Edible ices
 - Fruit and vegetables in vinegar, oil, or brine
 - Fruit and vegetable preparations excluding compote

- Extra jam and extra jelly as defined by Directive 2001/113/EC
- Jam, jellies and marmalades and sweetened chestnut puree as defined by Directive 2001/113/EC
- Other similar fruit or vegetable spreads
- Cocoa and Chocolate products as covered by Directive 2000/36/EC
- Other confectionery including breath refreshing microsweets
- Chewing gum
- Decorations, coatings and fillings, except fruit based fillings covered by category 4.2.4
- Breakfast cereals
- Fine bakery wares
- Processed fish and fishery products including molluscs and crustaceans
- Table Top Sweeteners in liquid form
- Table Top Sweeteners in powder form
- Table Top Sweeteners in tablets
- Soups and broths
- Sauces
- Dietary foods for special medical purposes defined in Directive 1999/21/EC (excluding products from food category 13.1.5)
- Dietary foods for weight control diets intended to replace total daily food intake or an individual meal (the whole or part of the total daily diet)
- Fruit nectars as defined by Council Directive 2001/112/EC and vegetable nectars and similar products
- Flavoured drinks
- Beer and malt beverages
- Other alcoholic drinks including spirits with less than 15 % of alcohol and mixtures of alcoholic drinks with non-alcoholic drinks
- Potato-, cereal-, flour or starch-based snacks
- Processed nuts
- Desserts excluding products covered in category 1, 3 and 4
- Food supplements supplied in a solid form including capsules and tablets and similar forms

- Food supplements supplied in a liquid form
- Food supplements supplied in a syrup-type or chewable form

ประกาศฉบับเต็ม

COMMISSION REGULATION (EU) No 1131/2011 of 11 November 2011 amending Annex II to Regulation (EC) No 1333/2008 of the European Parliament and of the Council with regard to steviol glycosides

สามารถดูรายละเอียดได้จากเอกสารแนบหรือเว็บไซต์ต่อไปนี้

<http://eur-lex.europa.eu/LexUriServ/LexUriServ.do?uri=OJ:L:2011:295:0205:0211:EN:PDF>

กฎ ระเบียบ และมาตรฐานสินค้าอาหารไทยและประเทศคู่ค้า
สามารถดูรายละเอียดเพิ่มเติมได้จากฐานข้อมูลกฎหมายมาตรฐานอาหาร
ภายในเว็บไซต์ศูนย์อำนวยการเพื่ออุตสาหกรรมอาหาร (<http://fic.nfi.or.th>) เมนู Law & Safety

COMMISSION REGULATION (EU) No 1131/2011**of 11 November 2011****amending Annex II to Regulation (EC) No 1333/2008 of the European Parliament and of the Council with regard to steviol glycosides****(Text with EEA relevance)**

THE EUROPEAN COMMISSION,

Having regard to the Treaty on the Functioning of the European Union,

Having regard to Regulation (EC) No 1333/2008 of the European Parliament and of the Council of 16 December 2008 on food additives ⁽¹⁾, and in particular Article 10 and Article 30(5) thereof,

Whereas:

- (1) Regulation (EC) No 1333/2008 lays down a Union list of food additives approved for use in foods and their conditions of use.
- (2) The European Food Safety Authority (hereinafter referred to as 'the Authority') evaluated the safety of steviol glycosides, extracted from the leaves of the *Stevia rebaudiana* Bertoni plant, as sweetener and expressed its opinion on 10 March 2010 ⁽²⁾. The Authority established an Acceptable Daily Intake (ADI) for steviol glycosides, expressed as steviol equivalents, of 4 mg/kg body-weight/day. Conservative estimates of steviol glycosides exposure, both in adults and in children, suggest that it is likely that the ADI would be exceeded at the maximum proposed use levels.
- (3) Taking into account the conclusion of the Authority, the applicants submitted, in September 2010, revised uses and the Authority was requested to consider those uses. A statement on a new exposure assessment was published in January 2011 ⁽³⁾. Despite the revised uses, the conclusion was very similar, namely that both in adults and children the ADI can be exceeded for high-level consumers. The main contributors to the total anticipated exposure to steviol glycosides are non-alcoholic flavoured drinks (soft drinks).

- (4) While considering the need for new products which are energy-reduced to be placed on the market, the use of steviol glycosides as sweetener should be authorised at appropriate maximum use levels. Taking into account the potential significant contribution of soft drinks to the intake of steviol glycosides, a reduction in the use level for flavoured drinks, compared to the previously proposed use levels considered by the Authority, should be established.
- (5) The Commission will request from producers and users of steviol glycosides information about the actual use of the food additive after its authorisation. The Commission will make such information available to the Member States. When necessary, the Commission will ask the Authority to perform a new refined exposure assessment, taking into account the real uses of steviol glycosides in the different subcategories of foodstuffs and the consumption of normal versus energy-reduced foodstuffs.
- (6) The Authority expressed in its opinion the ADI for steviol glycosides as steviol equivalents. The dietary exposure to the steviol glycosides was also expressed as steviol equivalents. It is therefore appropriate that the maximum permitted use levels should also be expressed as steviol equivalents. Maximum levels of steviol glycosides are expressed as the sum of all named steviol glycosides mentioned in the specifications and can be converted to steviol equivalents using the conversion factors mentioned in the specifications.
- (7) The measures provided for in this Regulation are in accordance with the opinion of the Standing Committee on the Food Chain and Animal Health and neither the European Parliament nor the Council has opposed them,

HAS ADOPTED THIS REGULATION:

*Article 1***Amendment to Regulation (EC) No 1333/2008**

Annex II to Regulation (EC) No 1333/2008 is amended in accordance with the Annex to this Regulation.

⁽¹⁾ OJ L 354, 31.12.2008, p. 16.

⁽²⁾ Scientific Opinion of the Panel on Food Additives and Nutrient Sources added to food on the safety of steviol glycosides for the proposed uses as a food additive. *The EFSA Journal* (2010); 8(4):1537.

⁽³⁾ Statement of EFSA: 'Revised exposure assessment for steviol glycosides for the proposed uses as a food additive'. *The EFSA Journal* (2011); 9(01):1972.

*Article 2***Transitional provision**

By way of derogation to Article 2(1) of Commission Regulation (EU) No 1129/2011 of 11 November 2011 amending Annex II to Regulation (EC) No 1333/2008 of the European Parliament and of the Council by establishing a Union list of food additives ⁽¹⁾, the entries in Parts B and E of Annex II to Regu-

lation (EC) No 1333/2008 concerning steviol glycosides (E 960) shall apply from the date of entry into force of this Regulation.

Article 3

This Regulation shall enter into force on the 20th day following its publication in the *Official Journal of the European Union*.

This Regulation shall be binding in its entirety and directly applicable in the Member States.

Done at Brussels, 11 November 2011.

For the Commission

The President

José Manuel BARROSO

⁽¹⁾ See page 1 of this Official Journal.

Annex II to Regulation (EC) No 1333/2008 is amended as follows:

(1) in Part B2 the following entry for E 960 is inserted after the entry for E 959:

E 960	Steviol glycosides'
-------	---------------------

(2) in Part E the following entries for E 960 are inserted in numerical order in the food categories referred to:

PART E: AUTHORISED FOOD ADDITIVES AND CONDITIONS OF USE IN FOOD CATEGORIES

Category number	E-number	Name	Maximum level (mg/l or mg/kg as appropriate)	Footnotes	restrictions/exception
01.4	Flavoured fermented milk products including heat treated products				
	E 960	Steviol glycosides	100	(60)	only energy-reduced products or with no added sugar
		(60): expressed as steviol equivalents			
03.	Edible ices				
	E 960	Steviol glycosides	200	(60)	only energy-reduced or with no added sugar
		(60): expressed as steviol equivalents			
04.2.2	Fruit and vegetables in vinegar, oil, or brine				
	E 960	Steviol glycosides	100	(60)	only sweet-sour preserves of fruit and vegetables
		(60): expressed as steviol equivalents			
04.2.4.1	Fruit and vegetable preparations excluding compote				
	E 960	Steviol glycosides	200	(60)	only energy-reduced
		(60): expressed as steviol equivalents			
04.2.5.1	Extra jam and extra jelly as defined by Directive 2001/113/EC				
	E 960	Steviol glycosides	200	(60)	only energy-reduced jams jellies and marmalades
		(60): expressed as steviol equivalents			
04.2.5.2	Jam, jellies and marmalades and sweetened chestnut puree as defined by Directive 2001/113/EC				
	E 960	Steviol glycosides	200	(60)	only energy-reduced jams, jellies and marmalades
		(60): expressed as steviol equivalents			

Category number	E-number	Name	Maximum level (mg/l or mg/kg as appropriate)	Footnotes	restrictions/exception
04.2.5.3	Other similar fruit or vegetable spreads				
	E 960	Steviol glycosides	200	(60)	only dried-fruit-based sandwich spreads, energy-reduced or with no added sugar
		(60): expressed as steviol equivalents			
05.1	Cocoa and Chocolate products as covered by Directive 2000/36/EC				
	E 960	Steviol glycosides	270	(60)	only energy-reduced or with no added sugars
		(60): expressed as steviol equivalents			
05.2	Other confectionery including breath refreshing microsweets				
	E 960	Steviol glycosides	270	(60)	only cocoa or dried fruit based, energy reduced or with no added sugar
	E 960	Steviol glycosides	330	(60)	only cocoa, milk, dried fruit or fat based sandwich spreads, energy-reduced or with no added sugar
	E 960	Steviol glycosides	350	(60)	only confectionary with no added sugar
	E 960	Steviol glycosides	2 000	(60)	only breath-freshening micro-sweets, with no added sugar
	E 960	Steviol glycosides	670	(60)	only strongly flavoured freshening throat pastilles with no added sugar
		(60): expressed as steviol equivalents			
05.3	Chewing gum				
	E 960	Steviol glycosides	3 300	(60)	only with no added sugar
		(60): expressed as steviol equivalents			
05.4	Decorations, coatings and fillings, except fruit based fillings covered by category 4.2.4				
	E 960	Steviol glycosides	330	(60)	only confectionary with no added sugar
	E 960	Steviol glycosides	270	(60)	only cocoa or dried fruit based, energy reduced or with no added sugar
		(60): expressed as steviol equivalents			

Category number	E-number	Name	Maximum level (mg/l or mg/kg as appropriate)	Footnotes	restrictions/exception
06.3	Breakfast cereals				
	E 960	Steviol glycosides	330	(60)	only breakfast cereals with a fibre content of more than 15 %, and containing at least 20 % bran, energy reduced or with no added sugar
		(60): expressed as steviol equivalents			
07.2	Fine bakery wares				
	E 960	Steviol glycosides	330	(60)	only essoblaten - wafer paper
		(60): expressed as steviol equivalents			
09.2.	Processed fish and fishery products including molluscs and crustaceans				
	E 960	Steviol glycosides	200	(60)	only sweet-sour preserves and semi preserves of fish and marinades of fish, crustaceans and molluscs
		(60): expressed as steviol equivalents			
11.4.1	Table Top Sweeteners in liquid form				
	E 960	Steviol glycosides	QS	(60)	
		(60): expressed as steviol equivalents			
11.4.2	Table Top Sweeteners in powder form				
	E 960	Steviol glycosides	QS	(60)	
		(60): expressed as steviol equivalents			
11.4.3	Table Top Sweeteners in tablets				
	E 960	Steviol glycosides	QS	(60)	
		(60): expressed as steviol equivalents			
12.5	Soups and broths				
	E 960	Steviol glycosides	40	(60)	only energy-reduced soups
		(60): expressed as steviol equivalents			

Category number	E-number	Name	Maximum level (mg/l or mg/kg as appropriate)	Footnotes	restrictions/exception
12.6	Sauces				
	E 960	Steviol glycosides	120	(60)	except soy-bean sauce (fermented and non-fermented)
	E 960	Steviol glycosides	175	(60)	only soy-bean sauce (fermented and non-fermented)
		(60): expressed as steviol equivalents			
13.2	Dietary foods for special medical purposes defined in Directive 1999/21/EC (excluding products from food category 13.1.5)				
	E 960	Steviol glycosides	330	(60)	
		(60): expressed as steviol equivalents			
	13.3	Dietary foods for weight control diets intended to replace total daily food intake or an individual meal (the whole or part of the total daily diet)			
E 960		Steviol glycosides	270	(60)	
		(60): expressed as steviol equivalents			
14.1.3		Fruit nectars as defined by Council Directive 2001/112/EC and vegetable nectars and similar products			
	E 960	Steviol glycosides	100	(60)	only energy-reduced or with no added sugar
		(60): expressed as steviol equivalents			
	14.1.4	Flavoured drinks			
E 960		Steviol glycosides	80	(60)	only energy reduced or with no added sugar
		(60): expressed as steviol equivalents			
14.2.1		Beer and malt beverages			
	E 960	Steviol glycosides	70	(60)	only alcohol-free beer or with an alcohol content not exceeding 1,2 % vol.; 'Bière de table/Tafelbier/Table beer' (original wort content less than 6 %) except for 'Obergäriges Einfachbier'; beers with a minimum acidity of 30 milli-equivalents expressed as NaOH; Brown beers of the 'oud bruin' type
		(60): expressed as steviol equivalents			
	14.2.8	Other alcoholic drinks including spirits with less than 15 % of alcohol and mixtures of alcoholic drinks with non-alcoholic drinks			
E 960		Steviol glycosides	150	(60)	
		(60): expressed as steviol equivalents			

Category number	E-number	Name	Maximum level (mg/l or mg/kg as appropriate)	Footnotes	restrictions/exception
15.1	Potato-, cereal-, flour- or starch-based snacks				
	E 960	Steviol glycosides	20	(60)	
		(60): expressed as stevioles equivalents			
15.2	Processed nuts				
	E 960	Steviol glycosides	20	(60)	
		(60): expressed as steviol equivalents			
16.	Desserts excluding products covered in category 1, 3 and 4				
	E 960	Steviol glycosides	100	(60)	only energy-reduced or with no added sugar
		(60): expressed as steviol equivalents			
17.1	Food supplements supplied in a solid form including capsules and tablets and similar forms				
	E 960	Steviol glycosides	670	(60)	
		(60): expressed as steviol equivalents			
17.2	Food supplements supplied in a liquid form				
	E 960	Steviol glycosides	200	(60)	
		(60): expressed as steviol equivalents			
17.3	Food supplements supplied in a syrup-type or chewable form				
	E 960	Steviol glycosides	1 800	(60)	
		(60): expressed as steviol equivalents			