

## ANNATTO: NUOVE APPLICAZIONI E REQUISITI DI ETICHETTATURA

In seguito ad una richiesta della commissione Europea, è in corso la rivalutazione tossicologica di tutti gli additivi alimentari già autorizzati, compresi i coloranti. La rivalutazione è stata fatta anche per l'annatto e il 21 febbraio l'UE ha votato positivamente il nuovo testo e che si stima entrerà in vigore verso la fine di Settembre 2020

Nella revisione normativa sono previsti 5 metodi di estrazione, al posto dei 3 consentiti oggi, ed è introdotta la distinzione tra i due pigmenti coloranti:

- o annatto bixina E 160 b (i)
- o annatto norbixina E 160 b (ii)

Che cosa cambierà?

- 1) Diversa etichettatura secondo le nuove specifiche dell'Annatto (specificando Annatto bixina e/o Annatto norbixina).
- 2) Utilizzo del pigmento in nuove applicazioni alimentari (ad esempio creme e preparati di frutta, fiocchi di patate, preparazioni di carne e di pesce, salse e brodi, bevande aromatizzate, etc.).
- 3) Modifica dei dosaggi nelle applicazioni già autorizzate.

I nuovi requisiti di etichettatura dell'annatto sono una conseguenza di una definizione e classificazione più dettagliate degli estratti di annatto. Le specifiche UE e le monografie JECFA standard CODEX sono ora più allineate.

Nelle prossime pagine sono riportati gli stralci essenziali della normativa.



**New 2020**

<b>E 160 b (i)</b>	<b>Annatto Bixin</b>	<b>Labeling</b>
(I)	Solvent-Extracted Bixin	Color: E 160 b (i)
(II)	Aqueous-Processed Bixin	or Color: Annatto Bixin or The specific extract no.'s and names
<b>E 160 b (ii)</b>	<b>Annatto Norbixin</b>	<b>Labeling</b>
(I)	Solvent-Extracted Norbixin	Color: E 160 b (ii)
(II)	Alkali-Processed Norbixin, Acid-precipitated	or Color: Annatto Norbixin or
(III)	Alkalie-Processed Norbixin, Not acid-precipitated	The specific extract no.'s and names

**PRIMA**

<b>E 160 b (i)</b>	<b>Annatto, Bixin, Norbixin</b>	<b>Labeling</b>
(I)	Solvent-Extracted Bixin and Norbixin Alkalie Extracted Annatto Oil Extracted Annatto	Color: E 160 b or Color: Annatto

**CATEGORIE ALIMENTARI IN CUI È CONSENTITO L'ANNATTO**

Nota: quando si aggiungono E160b (i) ed E160b (ii) in combinazione, alla somma si applica il livello massimo individuale più elevato e i livelli massimi individuali non devono essere superati.

<b>01. Dairy products and analogues</b>	<b>Annatto Bixin</b>	<b>Annatto Norbixin</b>	<b>Previous max level</b>
01.4 Flavored fermented milk products	15 mg/l	4 mg/l	10 mg/l
01.7.2 Ripened Cheese – only ripened orange, yellow and broken-white cheese and red and green pesto cheese	15 mg/kg	15 mg/kg	15 mg/kg
01.7.2 Ripened Cheese – only red Leichester cheese		50 mg/kg	50 mg/kg
01.7.2 Ripened Cheese – only Mimolette cheese		35 mg/kg	35 mg/kg
01.7.3 Edible cheese rind	20 mg/kg	20 mg/kg	20 mg/kg
01.7.5 Processed cheese	15 mg/kg	8 mg/kg	15 mg/kg
01.7.6 Cheese products (excluding products falling in category 16) – only ripened orange, yellow and broken-white products		8 mg/kg	15 mg/kg
<b>02. Fats and oils</b>	<b>Annatto Bixin</b>	<b>Annatto Norbixin</b>	<b>Previous max level</b>
02.1 Fats and oils essentially free from water (excl anhydrous milkfat) (only fats)	10 mg/l		10 mg/l (only fats)
02.2.2 Other fat and oil emulsions incl. spreads as defined by Council Regulation (EC) no 1234/2007 and liquid emulsions (excluding reduced fat butter)	10 mg/l		10 mg/l (excluding reduced fat butter)

<b>03. Ices and desserts</b>	<b>Annatto Bixin</b>	<b>Annatto Norbixin</b>	<b>Previous max level</b>
0.3 Edible ices		20 mg/kg	20 mg/kg
<b>04. Fruits and vegetables</b>	<b>Annatto Bixin</b>	<b>Annatto Norbixin</b>	<b>Previous max level</b>
04.2.5.2 Jam, jellies and marmalades and sweetened chestnut purée (except chestnut purée) NEW	20 mg/kg	20 mg/kg	
04.2.5.3 Other similar fruit or vegetable spreads (except crème de pruneaux) NEW	20 mg/kg	20 mg/kg	
04.2.6 Processed potato products (only dried potato granules and flakes) NEW	10 mg/kg	10 mg/kg	
<b>05. Confectionery</b>	<b>Annatto Bixin</b>	<b>Annatto Norbixin</b>	<b>Previous max level</b>
05.2 Other confectionery incl. breath freshening microsweets NEW	30 mg/kg	25 mg/kg	
05.4 Decorations, coatings and fillings except fruit-based fillings covered by category 4.2.4 (only decorations and coatings)	80 mg/kg	20 mg/kg	20 mg/kg (only decorations and coatings)
<b>06. Cereals and cereal products</b>	<b>Annatto Bixin</b>	<b>Annatto Norbixin</b>	<b>Previous max level</b>
06.3 Breakfast cereals (only extruded puffed and or fruit flavored breakfast cereals)		20 mg/kg	25 mg/kg (only extruded puffed and or fruit flavored breakfast cereals)
06.5 Noodles NEW	20 mg/kg	20 mg/kg	
06.6. Batters (only batters for coating)	50 mg/kg	50 mg/kg	20 mg/kg (only batters for coating)
<b>07. Bakery wares</b>	<b>Annatto Bixin</b>	<b>Annatto Norbixin</b>	<b>Previous max level</b>
07.2 Fine bakery wares		10 mg/kg	10 mg/kg

<b>08. Meat</b>	<b>Annatto Bixin</b>	<b>Annatto Norbixin</b>	<b>Previous max level</b>
08.2 Meat preparations as defined by Regulation (EC) no 853/2004 (only breakfast sausages with a minimum cereal content of 6% and burger meat with a minimum vegetable and/or cereal content of 4% mixed within the meat....) NEW	20 mg/kg	20 mg/kg	
08.3.1 Non-heat-treated meat products (only chorizo sausage, salchicon, pasturmas and sobrasada) NEW	20 mg/kg	20 mg/kg	
08.3.2 Heat-treated meat products (only sausages, pâtes, terrines and luncheon meat) NEW	20 mg/kg	20 mg/kg	
08.3.3 Casings and coatings and decorations for meat	50 mg/kg	50 mg/kg	20 mg/kg
<b>09. Fish and fishery products</b>	<b>Annatto Bixin</b>	<b>Annatto Norbixin</b>	<b>Previous max level</b>
09.2 Processed fish and fishery products including mollusks and crustaceans (only smoked fish)	10 mg/kg	10 mg/kg	10 mg/kg
09.2 Processed fish and fishery products including mollusks and crustaceans (only surimi and similar products and salmon substitutes) NEW	30 mg/kg	30 mg/kg	
<b>12. Salts, spices, soups, sauces, salads &amp; protein products</b>	<b>Annatto Bixin</b>	<b>Annatto Norbixin</b>	<b>Previous max level</b>
12.5 Soups and broths NEW	15 mg/kg	10 mg/kg	
12.6 Sauces (including pickles, relishes, chutney and piccalilli; excluding tomato-based sauces) NEW	30 mg/kg	30 mg/kg	

<b>14. Beverages</b>	<b>Annatto Bixin</b>	<b>Annatto Norbixin</b>	<b>Previous max level</b>
14.1.4 Flavored drinks NEW	20 mg/l		
14.2.6 Spirit drinks as defined in Regulation (EC) no 110/2008 (only liqueurs)	10 mg/l		10 mg/l (only in liqueurs)
14.2.8 Other alcoholic drinks incl. mixtures of alcoholic drinks with non-alcoholic drinks and spirits with less than 15% of alcohol (only alcoholic drinks with less than 15% of alcohol)		10 mg/l	10 mg/l (only alcoholic drinks with less than 15% of alcohol)
<b>15. Ready-to-eat savouries and snacks</b>	<b>Annatto Bixin</b>	<b>Annatto Norbixin</b>	<b>Previous max level</b>
15.1 Potato-, cereal-, flour- or starch-based snacks	20 mg/kg	20 mg/kg	10 mg/kg (excluding extruded or expanded savoury snack products)  20 mg/kg (only extruded or expanded savoury snack products)
15.2 Processed nuts	10 mg/kg	10 mg/kg	10 mg/kg (only savoury coated nuts)
<b>16. Desserts excluding products covered in category 1, 3 and 4</b>	<b>Annatto Bixin</b>	<b>Annatto Norbixin</b>	<b>Previous max level</b>
16. Desserts excl. products covered in category 1, 3 and 4	15 mg/kg	7.5 mg/kg	10 mg/kg