

(b) may have been decaffeinated by means of extraction solvents set out in Table XV to Division 16. SOR/90-443, s. 1.

## DIVISION 6

### Food Colours

**B.06.001.** In this Division,

"diluent" means any substance other than a synthetic colour present in a colour mixture or preparation; ( *diluant* )

"dye" means the principal dye and associated subsidiary and isomeric dyes contained in a synthetic colour; ( *pigment* )

"mixture" means a mixture of two or more synthetic colours or a mixture of one or more synthetic colours with or more diluents; ( *mélange* )

"official method FO-7" means official method FO-7, Determination of Dye Content of Synthetic Food Colours, March 15, 1984; ( *méthode officielle FO-7* )

"official method FO-8" means official method FO-8, Determination of Water Insoluble Matter in Synthetic Food Colours, March 15, 1984; ( *méthode officielle FO-8* )

"official method FO-9" means official method FO-9, Determination of Combined Ether Extracts in Synthetic Food Colours, March 15, 1984; ( *méthode officielle FO-9* )

"official method FO-10" means official method FO-10, Determination of Subsidiary Dyes in Synthetic Food Colours, March 15, 1984; ( *méthode officielle FO-1003* )

"official method FO-11" means official method FO-11, Determination of Intermediates in Synthetic Food Colour March 15, 1984; ( *méthode officielle FO-11* )

"official method FO-12" means official method FO-12, Determination of Volatile Matter in Citrus Red No. 2, March 15, 1984; ( *méthode officielle FO-12* )

"official method FO-13" means official method FO-13, Determination of Sulphated Ash in Citrus Red No. 2, March 15, 1984; ( *méthode officielle FO-13* )

"official method FO-14" means official method FO-14, Determination of Water Soluble Matter in Citrus Red No. 2, March 15, 1984; ( *méthode officielle FO-14* )

"official method FO-15" means official method FO-15, Determination of Carbon Tetrachloride Insoluble Matter in Citrus Red No. 2, March 15, 1984; ( *méthode officielle* )

"preparation" means a preparation of one or more synthetic colours containing less than three per cent dye and sold for household use; ( *préparation* )

"synthetic colour" means any organic colour, other than caramel, that is produced by chemical synthesis and has no counterpart in nature and for which a standard is prescribed in sections B.06.041 to B.06.053. ( *colorant synthétique* )  
SOR/80-500, s. 2; SOR/84-440, s. 1.

**B.06.002.** No person shall sell a food, other than a synthetic colour, mixture, preparation or flavouring preparation, that contains, when prepared for consumption according to label directions, more than

(a) 300 parts per million of Allura Red, Amaranth, Erythrosine, Tartrazine, Sunset Yellow FCF or Indigotine any combination of those colours;

(b) 100 parts per million of Fast Green FCF or Brilliant Blue FCF or any combination of those colours;

(c) 300 parts per million of any combination of the synthetic colours named in paragraphs (a) and (b) within the limits set by those paragraphs; or

(d) 150 parts per million of Ponceau SX.  
SOR/80-500, s. 2; SOR/84-440, s. 2; SOR/86-178, s. 1(F).

B.06.003. No person shall sell a colour for use in or upon food that contains more than

(a) three parts per million of arsenic, calculated as arsenic, as determined by official method FO-4, Determination of Arsenic in Food Colours, October 15, 1981;

(b) 10 parts per million of lead, calculated as lead, as determined by official method FO-5, Determination of Lead in Food Colours, October 15, 1981; or

(c) 40 parts per million of heavy metals, except in the case of iron oxide, titanium dioxide, aluminum metal and silver metal.

SOR/80-500, s. 2; SOR/82-768, s. 7.

B.06.004. No person shall sell a synthetic colour for use in or upon food unless

(a) the label carries the lot number and common name of the synthetic colour and the words "Food Colour";

(b) the Director, or an agency acceptable to the Director, has certified that each lot meets the requirements section B.06.003 and the standard for such colour as prescribed in sections B.06.041 to B.06.053; and

(c) where the synthetic colour is certified by an agency, a copy of the certificate has been submitted to and accepted by the Director.

SOR/80-500, s. 2.

B.06.005. No person shall import a synthetic colour for use in or upon food unless

(a) the Director, or an agency acceptable to the Director, has certified that each lot meets the requirements section B.06.003 and the standard for such colour as prescribed in sections B.06.041 to B.06.053; and

(b) where the synthetic colour is certified by an agency, a copy of the certificate has been submitted to and accepted by the Director.

SOR/80-500, s. 2.

B.06.006. No person shall sell a mixture for use in or upon food unless the label carries the lot number of the mixture and the words "Food Colour";

SOR/80-500, s. 2.

B.06.007. No person shall sell a preparation for use in or upon food unless

(a) the label carries the words "Food Colour Preparation" on its principal display panel; and

(b) in the case of a liquid preparation, the container has a capacity of 60 ml or less and will permit dropwise discharge only.

SOR/80-500, s. 2.

B.06.008. No person shall import or sell a mixture or preparation for use in or upon food unless

(a) the Director, or an agency acceptable to the Director, has certified that any synthetic colour contained therein meets the requirements of section B.06.003 and the standard for such colour as prescribed in sections B.06.041 to B.06.053; or

(b) any synthetic colour contained therein has been previously certified and the certificate has been accepted as required by sections B.06.004 and B.06.005;  
SOR/80-500, s. 2.

B.06.009. to B.06.013. [Repealed, SOR/80-500, s. 2]

## Natural Colours

B.06.021. [S] **Oil-soluble Annatto, Annatto Butter Colour, or Annatto Margarine Colour**

(a) shall be the extractives of *Bixa orellana* seeds

(i) dissolved in vegetable oil, castor oil, monoglycerides and diglycerides, propylene glycol or propylene glycol monoesters and diesters of fat-forming fatty acids, with or without one per cent potassium hydroxide, or

(ii) suspended upon sugar, lactose, starch or hydrated calcium silicate, with or without calcium phosphate, potassium aluminum sulphate, sodium bicarbonate or salt; and

(b) shall contain not less than 0.30 per cent total pigments calculated as natural (*cis*-) bixin, which pigments shall consist of not less than 40 per cent natural (*cis*-) bixin.

B.06.022. [S] **B-Carotene** shall be the food colour chemically known as B-carotene that is manufactured synthetically and shall conform to the following specifications:

(a) one per cent solution in chloroform.....clear;

(b) loss of weight on drying.....not more than 0.2 per cent;

(c) residue on ignition.....not more than 0.2 per cent; and

(d) assay (spectrophotometric).....96 to 101 per cent.

B.06.023. [S] **B-Apo-8'-Carotenal** shall be the food colour chemically known as B-apo-8'-carotenal and shall conform to following specifications:

(a) one per cent solution in chloroform.....clear;

(b) melting point (decomposition).....136°C. to 140°C (corrected);

(c) loss of weight on drying.....not more than 0.2 per cent;

(d) residue on ignition.....not more than 0.2 per cent; and

(e) assay (spectrophotometric).....96 to 101 per cent.

B.06.024. [S] **Canthaxanthin** shall be the food colour chemically known as canthaxanthin and shall conform to the following specifications:

(a) one per cent solution in chloroform.....clear;

(b) loss of weight on drying.....not more than 0.2 per cent;

(c) assay (spectrophotometric).....96 to 101 per cent.

**B.06.025** [S] **EthylB- $\alpha$ -8'-carotenoate** shall be the food colour chemically known as ethyl B- $\alpha$ -8'-carotenoate and shall conform to the following specifications:

(a) one per cent solution in chloroform.....clear

(b) loss of weight on drying.....not more than 0.2 per cent, and

(c) assay (spectrophotometric).....96 to 101 per cent.

SOR/84-300, s. 19(F)

### *Inorganic Colours*

**B.06.031** [S] **Carbon black** shall be carbon prepared from natural gas by the "channel" or "impingement" process and shall contain no higher aromatic hydrocarbons or tarry materials as determined by official method FO-6, Determination of High Aromatic Hydrocarbons or Tarry Materials in Carbon Black and Charcoal, October 15, 1981.

SOR/82-768, s. 8.

**B.06.032** [S] **Charcoal** shall be carbon prepared by the incomplete combustion of vegetable matter and shall contain no higher aromatic hydrocarbons or tarry materials as determined by official method FO-6, Determination of Higher Aromatic Hydrocarbons or Tarry Materials in Carbon Black and Charcoal, October 15, 1981.

SOR/82-768, s. 8.

**B.06.033** [S] **Titanium Dioxide** shall be the chemical substance known as titanium dioxide and shall contain not less than 99 per cent titanium dioxide, and notwithstanding section B.06.006, shall contain not more than 50 parts per million of total antimony expressed as the metal and as determined by an acceptable method.

### *Synthetic Colours*

**B.06.041** [S] **Amaranth** shall be the trisodium salt of 1-(4-sulpho-1-naphthylazo)-2-naphthol-3,6-disulphonic acid, shall contain not less than 85 per cent dye, as determined by official method FO-7, and may contain not more than

(a) 0.2 per cent water insoluble matter, as determined by official method FO-8;

(b) 0.2 per cent combined ether extracts, as determined by official method FO-9;

(c) 4.0 per cent subsidiary dyes, as determined by official method FO-10; and

(d) 0.5 per cent intermediates, as determined by official method FO-11.

SOR/82-768, s. 9; SOR/84-440, s. 3.

**B.06.042** [S] **Erythrosine** shall be the disodium salt of 2,4,5,7-tetraiodofluorescein, shall contain not less than 85 per cent dye calculated as the monohydrate, as determined by official method FO-7, and may contain not more than

(a) 0.2 per cent water insoluble matter, as determined by official method FO-8;

(b) 0.2 per cent combined ether extracts, as determined by official method FO-9;

(c) 5.0 per cent subsidiary dyes, as determined by official method FO-10; and

(d) 0.5 per cent intermediates, as determined by official method FO-11.

SOR/82-768, s. 9; SOR/84-440, s. 3.

**B.06.043.** [S] **Ponceau SX** shall be the disodium salt of 2-(5-sulpho-2,4-xylyazo)-1-naphthol-4-sulphonic acid, shall contain not less than 85 per cent dye, as determined by official method FO-7, and may contain not more than

- (a) 0.2 per cent water insoluble matter, as determined by official method FO-8;
- (b) 0.2 per cent combined ether extracts, as determined by official method FO-9;
- (c) 1.0 per cent subsidiary dyes, as determined by official method FO-10; and
- (d) 0.5 per cent intermediates, as determined by official method FO-11.

SOR/82-768, s. 9; SOR/84-440, s. 3.

**B.06.044.** [S] **Allura Red** shall be the disodium salt of 6-hydroxy-5-[(2-methoxy-5-methyl-4-sulphophenyl)azo]-2-naphthalene sulphonic acid, shall contain not less than 85 per cent dye, as determined by official method FO-7, and may contain not more than

- (a) 0.2 per cent water insoluble matter, as determined by official method FO-8;
- (b) 0.2 per cent combined ether extracts, as determined by official method FO-9;
- (c) 4.0 per cent subsidiary dyes, as determined by official method FO-10; and
- (d) 0.5 per cent intermediates, as determined by official method FO-11.

SOR/84-440, s. 3.

**B.06.045.** [S] **Tartrazine** shall be the trisodium salt of 3-carboxy-5-hydroxy-1-p-sulphophenyl-4-p-sulphophenyl-azopyrazole, shall contain not less than 85 per cent dye, as determined by official method FO-7, and may contain not more than

- (a) 0.2 per cent water insoluble matter, as determined by official method FO-8;
- (b) 0.2 per cent combined ether extracts, as determined by official method FO-9;
- (c) 1.0 per cent subsidiary dyes, as determined by official method FO-10; and
- (d) 0.5 per cent intermediates, as determined by official method FO-11.

SOR/82-768, s. 10; SOR/84-440, s. 3.

**B.06.046.** [S] **Sunset Yellow FCF** shall be the disodium salt of 1-p-sulphophenylazo-2-naphthol-6-sulphonic acid, shall contain not less than 85 per cent dye, as determined by official method FO-7, and may contain not more than

- (a) 0.2 per cent water insoluble matter, as determined by official method FO-8;
- (b) 0.2 per cent combined ether extracts, as determined by official method FO-9;
- (c) 5.0 per cent subsidiary dyes, as determined by official method FO-10; and
- (d) 0.5 per cent intermediates, as determined by official method FO-11.

SOR/82-768, s. 10; SOR/84-440, s. 3.

**B.06.049.** [S] **Fast Green FCF** shall be the disodium salt of 4,4'-di(N-ethyl-m-sulphobenzylamino)-2''-sulpho-4''-

hydroxytriphenylmethanol anhydride, shall contain not less than 85 per cent dye, as determined by official method FO-7, and may contain not more than

- (a) 0.2 per cent water insoluble matter, as determined by official method FO-8;
- (b) 0.4 per cent combined ether extracts, as determined by official method FO-9;
- (c) 5.0 per cent subsidiary dyes, as determined by official method FO-10; and
- (d) 1.0 per cent intermediates, as determined by official method FO-11.

SOR/82-768, s. 11; SOR/84-440, s. 3.

**B.06.050.** [S] **Indigotine** shall be the disodium salt of indigotine-5,5'-disulphonic acid, shall contain not less than 85 per cent dye, as determined by official method FO-7, and may contain not more than

- (a) 0.2 per cent water insoluble matter, as determined by official method FO-8;
- (b) 0.4 per cent combined ether extracts, as determined by official method FO-9;
- (c) 1.0 per cent subsidiary dyes, as determined by official method FO-10; and
- (d) 0.5 per cent intermediates, as determined by official method FO-11.

SOR/82-768, s. 11; SOR/84-440, s. 3.

**B.06.051.** [S] **Brilliant Blue FCF** shall be the disodium salt of 4,4'-di (N-ethyl-m-sulphobenzylamino)-2"-sulphotriphenylmethanol anhydride, shall contain not less than 85 per cent dye, as determined by official method FO-7, and may contain not more than

- (a) 0.2 per cent water insoluble matter, as determined by official method FO-8;
- (b) 0.4 per cent combined ether extracts, as determined by official method FO-9;
- (c) 5.0 per cent subsidiary dyes, as determined by official method FO-10; and
- (d) 2.0 per cent intermediates, as determined by official method FO-11.

SOR/82-768, s. 11; SOR/84-440, s. 3.

**B.06.053.** [S] **Citrus Red. No. 2** shall be 1-(2,5-dimethoxyphenylazo)-2-naphthol, shall contain not less than 98 per cent dye, as determined by official method FO-7, and may contain not more than

- (a) 0.5 per cent volatile matter (at 100°C), as determined by official method FO-12;
- (b) 0.3 per cent sulphated ash, as determined by official method FO-13;
- (c) 0.3 per cent water soluble matter, as determined by official method FO-14;
- (d) 0.5 per cent carbon tetrachloride insoluble matter, as determined by official method FO-15;
- (e) 0.05 per cent uncombined intermediates; and
- (f) 2.0 per cent subsidiary dyes.

SOR/82-768, s. 12; SOR/84-440, s. 3.

**B.06.061.** The lake of any water soluble synthetic colour for which a standard is provided in sections B.06.041, B.06.042,

B.06.043, B.06.044, B.06.045, B.06.046, B.06.049, B.06.050 or B.06.051 shall be the calcium or aluminum salt of the respective colour extended on alumina.

SOR/82-1071, s. 3; SOR/84-300, s. 20; SOR/87-640, s. 2.

B.06.062 [Repealed, SOR/82-768, s. 13]

## Division 7

### Spices, Dressings And Seasonings

B.07.001 [S]. **Allspice or Pimento**, whole or ground, shall be the dried, full but unripe whole berries of *Pimenta dioica* (L. Merr.) and shall contain

(a) not more than

- (i) 25 per cent crude fibre,
- (ii) 5.5 per cent total ash,
- (iii) 0.4 per cent ash insoluble in hydrochloric acid, and
- (iv) 12 per cent moisture; and

(b) not less than 2.5 millilitres volatile oil per 100 grams of spice.  
SOR/79-659, s. 1.

B.07.002 [S]. **Anise or Anise Seed**, whole or ground, shall be the dried fruit of *Pimpinella anisum* L. and shall contain

(a) not more than

- (i) nine per cent total ash,
- (ii) one per cent ash insoluble in hydrochloric acid, and
- (iii) 10 per cent moisture; and

(b) not less than two millilitres volatile oil per 100 grams of spice.  
SOR/79-659, s. 1.

B.07.003 [S]. **Basil or Sweet Basil**, whole or ground, shall be the dried leaves of *Ocimum basilicum* L. and shall contain

(a) not more than

- (i) 15 per cent total ash,
- (ii) two per cent ash insoluble in hydrochloric acid, and
- (iii) nine per cent moisture; and

(b) not less than 0.2 millilitre volatile oil per 100 grams of spice.  
SOR/79-659, s. 1.

B.07.004 [S]. **Bay Leaves or Laurel Leaves**, whole or ground, shall be the dried leaves of *Laurus nobilis* L. and shall