

Commission Regulation (EU) No 231/2012 of 9 March 2012 laying down specifications for food additives listed in Annexes II and III to Regulation (EC) No 1333/2008 of the European Parliament and of the Council (Text with EEA relevance)

**Changes to legislation:** There are currently no known outstanding effects for the Commission Regulation (EU) No 231/2012, E 151 BRILLIANT BLACK PN. (See end of Document for details)

## ANNEX

**[<sup>F1</sup>E 151 BRILLIANT BLACK PN]**

<b>Synonyms</b>	CI Food Black 1
<b>[<sup>F1</sup>Definition</b>	Brilliant Black PN consists essentially of tetrasodium-4-acetamido-5-hydroxy-6-[7-sulfonato-4-(4-sulfonatophenylazo)-1-naphthylazo] naphthalene-1,7-disulfonate and subsidiary colouring matters together with sodium chloride and/or sodium sulphate as the principal uncoloured components. Brilliant Black PN is described as the sodium salt. The calcium and the potassium salt are also permitted.]
Colour Index No	28440
Einecs	219-746-5
Chemical name	Tetrasodium 4-acetamido-5-hydroxy-6-[7-sulfonato-4-(4-sulfonatophenylazo)-1-naphthylazo] naphthalene-1,7-disulfonate
Chemical formula	C <sub>28</sub> H <sub>17</sub> N <sub>5</sub> Na <sub>4</sub> O <sub>14</sub> S <sub>4</sub>
Molecular weight	867,69
Assay	Content not less than 80 % total colouring matters calculated as the sodium salt $E_{1\%}^{1cm}$ 530 at ca. 570 nm in solution
<b>Description</b>	Black powder or granules
Appearance of the aqueous solution	Black-bluish
Identification	
Spectrometry	Maximum in water at ca. 570 nm
Purity	
Water insoluble matter	Not more than 0,2 %
Subsidiary colouring matters	Not more than 4 % (expressed on the dye content)
Organic compounds other than colouring matters:	
4-acetamido-5-hydroxynaphthalene-1,7-disulfonic acid	Total not more than 0,8 %
4-amino-5-hydroxynaphthalene-1,7-disulfonic acid	
8-aminonaphthalene-2-sulfonic acid	

---

**Changes to legislation:** There are currently no known outstanding effects for the Commission Regulation (EU) No 231/2012, E 151 BRILLIANT BLACK PN. (See end of Document for details)

---

4,4'-diazoaminodi-(benzenesulfonic acid)	
Unulfonated primary aromatic amines	Not more than 0,01 % (calculated as aniline)
Ether extractable matter	Not more than 0,2 % under neutral conditions
Arsenic	Not more than 3 mg/kg
Lead	Not more than 2 mg/kg
Mercury	Not more than 1 mg/kg
Cadmium	Not more than 1 mg/kg

***Aluminium lakes of this colour may be used.***

**Changes to legislation:**

There are currently no known outstanding effects for the Commission Regulation (EU) No 231/2012, E 151 BRILLIANT BLACK PN.