

Brilliant Blue

Cat. No. BBGZ-001

Lot. No. (See product label)

Introduction

Description

Brilliant Blue is an odorless, deep purple-to-bronze colorant supplied as particles or powder with a metallic sheen. It produces a bright blue solution in water.

Applications

Blue coloring of beverages, confectionery, cakes and decorative bakery products, frozen desserts, jellies, preserved fruit products, concentrated fruit juice, puffed foods, flavored yogurt, and shrimp chips.

Synonyms

Brilliant Blue FCF; FD&C Blue No. 1; CI Food Blue 2; Acid Blue 9

Product Information

Source

Synthetic colorant

Appearance

Deep purple to bronze particles or powder with a metallic sheen; odorless

Form

Particles or powder

CAS No.

3844-45-9

Molecular Formula

$C_{37}H_{34}N_2Na_2O_9S_3$

Molecular Weight

792.86

Purity

99%

pH Stability

Aqueous solutions are bright blue; weakly acidic conditions produce cyan, strongly acidic conditions produce yellow, and boiling alkaline solution produces purple.

Function

Colorant

Solubility

Readily soluble in water; also soluble in ethanol, propylene glycol, and glycerol.

Grade

Food grade

Storage and Shipping Information

Stability

Good resistance to light, heat, acids, salts, microorganisms, alkalis, oxidation, and reduction.