

Butylhydroxyanisole Standard

Product Information

Outline

Butylated Hydroxyanisole is an antioxidant consisting of a mixture of two isomers of tert-butyl-4-hydroxyanisole. Butylated Hydroxyanisole is used in food preservation as its antioxidant properties prevent food from becoming rancid. Butylated Hydroxyanisole is also used in animal feed, petroleum products, and cosmetics.

Catalog Number

CSVD0019

Size 200mg

Storage Condition

2-8 °C

Use for

HPLC

CAS

25013-16-5

Molecular Formula

(CH3)3CC6H3(OH)OCH3

Molecular Weight

180.24

Appearance

White to pale yellow

Melting Point

58-60 °C (lit.)

Boiling Point

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264-270 °C

Density

0.9976 (rough estimate)

Refractive Index

1.4910 (estimate)

Purity

98.0+% (HPLC)(mixture of isomers)

Flash Point

>230 °F

Compound

Butylhydroxyanisole

Solubility

Practically insoluble in water; soluble in methanol; freely soluble in >50% aqueous ethanol, propylene glycol, chloroform, ether, hexane, cottonseed oil, peanut oil, soybean oil, glyceryl monooleate, and lard, and in solutions of alkali hydroxides.

Form Crystalline Flakes or Crystals

Water Solubility

<0.1 g/100 mL at 18.5 °C

InChIKey

WYEIRNDSZQKIDQ-UHFFFAOYSA-N

Safety Information

GHS07,GHS08
