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Product Specification

Product Name:

Butylated hydroxytoluene - ≥99%, FCC, FG

Product Number:

W218405

CAS Number:

128-37-0

MDL:

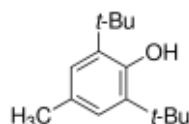
MFCD00011644

Formula:

C₁₅H₂₄O

Formula Weight:

220.35 g/mol



TEST

Specification

Appearance (Color)

White

Appearance (Form)

Powder or Crystals

Infrared spectrum

Conforms to Structure

Melting point by DSC

67 - 73 °C

Purity (GC)

≥ 99.0 %

Miscellaneous Assay

≤ 0.5 %

Phenolic Impurities

Maximum Absorbance

Confirmed

The absorbance in the range 230 nm to 320 nm

exhibits a maximum only at 278 nm

Specific Absorbance

81 - 88

1%/1cm in ethanol at 278nm

Residue on ignition (Ash)

≤ 0.0020 %

Solidification Point

≥ 69.2 °C

Arsenic (As)

≤ 3 ppm

Cadmium (Cd)

≤ 1 ppm

Mercury (Hg)

≤ 1 ppm

Lead (Pb)

≤ 2 ppm

Expiration Date Period

5 Years

Specification: PRD.7.ZQ5.10000009735

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at Sigma-Aldrich.com. For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.