

Certificate of Analysis

Product Name:

Butylated hydroxytoluene - ≥99%, FCC, FG

Product Number:

W218405

Batch Number:

SHBM2696

Brand:

ALDRICH

MDL Number:

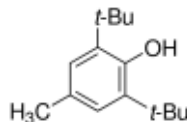
MFCD00011644

Quality Release Date:

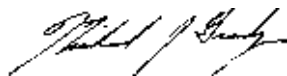
22 JUN 2020

Expiration Date:

MAY 2025



Test	Specification	Result
Appearance (Color)	White	White
Appearance (Form)	Powder or Crystals	Crystals
Infrared Spectrum	Conforms to Structure	Conforms
Melting point by DSC	67 - 73 °C	70 °C
Purity (GC)	≥ 99.0 %	99.9 %
Miscellaneous Assay	≤ 0.5 %	< 0.5 %
Phenolic Impurities		
Maximum Absorbance	Confirmed	Confirmed
The absorbion in the range 230 nm to 320 nm exhibits a maximum only at 278 nm		
Specific Absorbance	81 - 88	85
1%/1cm in ethanol at 278nm		
Residue on ignition (Ash)	≤ 0.0020 %	0.0003 %
Solidification Point	≥ 69.2 °C	< 70.6 °C
Arsenic (As)	≤ 3 ppm	< 1 ppm
Cadmium (Cd)	≤ 1 ppm	< 1 ppm
Mercury (Hg)	≤ 1 ppm	< 1 ppm
Lead (Pb)	≤ 2 ppm	< 1 ppm
Expiration Date Period	-----	-----
5 Years		

Michael Grady, Manager
Quality Control

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.



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