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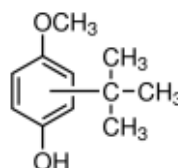
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## Product Specification

Product Name:  
Butylated hydroxyanisole - 99%, FCC, FG

**Product Number:** W218308  
**CAS Number:** 25013-16-5  
**MDL:** MFCD01779059  
**Formula:** C<sub>11</sub>H<sub>16</sub>O<sub>2</sub>  
**Formula Weight:** 180.24 g/mol



TEST	Specification
Appearance (Color)	White to Pale Yellow
Appearance (Form)	Powder or Crystals or Flakes
Infrared spectrum	Conforms to Structure
Purity (GC)	≥ 98.5 %
GC (% Major 1)	≥ 85.0 %
(3-tertiary-butyl-4-hydroxyanisole)	
Residue on ignition (Ash)	≤ 0.05 %
Assay	Pass
Colour Reaction	
Ethyl Alcohol Solubility (100mg/ml ETOH)	Clear to Very Slightly Hazy
UV Absorbance 290nm	190 - 210
UV Absorbance 228nm	326 - 345
Miscellaneous Assay	≤ 0.5 %
(Phenolic Impurities by TLC)	
Melt Point Onset (by DSC)	≥ 48 °C
Melt Point Peak (by DSC)	≤ 63 °C
Arsenic (As)	≤ 3 ppm
Cadmium (Cd)	≤ 1 ppm
Mercury (Hg)	≤ 1 ppm
Lead (Pb)	≤ 2 ppm
Expiration Date Period	-----
5 Years	

Specification: PRD.3.ZQ5.10000044112

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](http://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.