

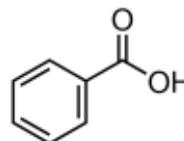
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Product Specification

Product Name:
Benzoic acid - ≥99.5%, FCC, FG

Product Number: **W213101**
CAS Number: 65-85-0
MDL: MFCD00002398
Formula: C₇H₆O₂
Formula Weight: 122.12 g/mol



TEST	Specification
Appearance (Color)	White
Appearance (Form)	Powder or Crystals
Infrared spectrum	Conforms to Structure
Purity (HPLC) (calculate on anhydrous basis)	99.5 - 100.5 %
Water (by Karl Fischer)	≤ 0.70 %
Solidification Point	121.0 - 123.0 °C
Miscellaneous Assay	Pass
Passes Test (Readily Oxidizable substances And Readily Carbonizable substances)	
Residue on ignition (Ash)	≤ 0.05 %
Solubility (Turbidity)	Clear
Solubility (Color) 1gm/3ml 95% Ethanol	Colorless
Arsenic (As)	≤ 3 ppm
Cadmium (Cd)	≤ 1 ppm
Mercury (Hg)	≤ 1 ppm
Lead (Pb)	≤ 2 ppm
Expiration Date Period 5 Years	-----

Specification: PRD.3.ZQ5.10000009835

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.