

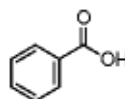
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Product Specification

Product Name:
Benzoic acid – ACS reagent, ≥99.5%

Product Number: 242381
CAS Number: 65-85-0
MDL: MFCD00002398
Formula: C₇H₆O₂
Formula Weight: 122.12 g/mol



TEST	Specification
Appearance (Color)	White
Appearance (Form) Powder, Crystalline Powder, Flakes or Chips	Conforms to Requirements
Infrared spectrum	Conforms to Structure
Purity (Titration by NaOH)	≥ 99.5 %
Residue on Ignition	≤ 0.005 %
Freezing point	122 - 123 °C
Insoluble matter C= 10% Methanol	≤ 0.005 %
Chlorine Compounds	≤ 0.005 %
Heavy Metal (as Lead)	≤ 5 ppm
Substances reducing (by MnO ₄)	Pass
Sulfur compounds	≤ 0.002 %
Meets ACS Requirements Tenth Edition	Current ACS Specification

Specification Date : 01/13/2011

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.