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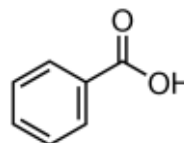
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## Product Specification

Product Name:  
Benzoic acid – natural, ≥99.5%, FCC, FG

**Product Number:** W213128  
**CAS Number:** 65-85-0  
**MDL:** MFCD00002398  
**Formula:** C7H6O2  
**Formula Weight:** 122.12 g/mol



TEST	Specification
Appearance (Color)	White
Appearance (Form)	Powder
Melting Point	121.0 - 125.0 °C
Infrared spectrum	Conforms to Structure
Purity (HPLC) (calculate on anhydrous basis)	99.50 - 100.50 %
Water (by Karl Fischer)	≤ 0.7 %
Miscellaneous Assay Passes both Readily Carbonizable and Oxidizable Substance assays.	Pass
Solidification Point	121.0 - 123.0 °C
Residue on ignition (Ash) 15 Minutes, 800 Degrees Celsius	≤ 0.05 %
Arsenic (As)	≤ 3 ppm
Cadmium (Cd)	≤ 1 ppm
Mercury (Hg)	≤ 1 ppm
Lead (Pb) FCC Lead Limit	≤ 2 ppm
Expiration Date Period 5 Years	-----

Specification: PRD.5.ZQ5.10000010565

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.