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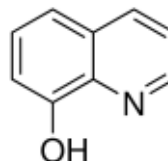
Email USA: techserv@sial.com

Outside USA: eurtechserv@sial.com

Product Specification

Product Name:
8-Hydroxyquinoline – ACS reagent, 99%

Product Number: 252565
CAS Number: 148-24-3
Formula: C₉H₇NO
Formula Weight: 145.16 g/mol



TEST	Specification
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Appearance (Color)	Conforms
White to faint yellow and faint beige to beige and faint brown to light brown	
Appearance (Form)	Conforms
Powder or crystals or Crystalline chunks or granules or flakes	
Infrared Spectrum	Conforms to Structure
Melting Point	72.5 - 74.0 °C
Purity (HPLC)	98.5 - 101.5 %
Residue on Ignition	≤ 0.05 %
Insoluble Matter	≤ 0.05 %
Suitability	Pass
for Magnesium Detection	
Sulfate	≤ 0.02 %
Meets ACS Requirements	Current ACS Specification
Tenth Edition	
Recommended Retest Period	-----
2 Years	

Specification: PRE.1.ZQ5.10000010097

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.