SIGMA-ALDRICH®

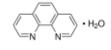
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Product Specification

Product Name: 1,10-Phenanthroline monohydrate - ACS reagent, 99%

Product Number:	320056
CAS Number:	5144-89-8
MDL:	MFCD00011678
Formula:	C12H8N2 · H2O
Formula Weight:	198.22 g/mol



TEST Specification Appearance (Color) White Appearance (Form) Conforms to Requirements Crystals or Crystalline Powder Infrared spectrum Conforms to Structure 71.6 - 73.8 % Carbon 13.9 - 14.3 % Nitrogen Suitable Suitability Suitable for Use as a Redox Indicator Suitability Suitable Suitable for Use in the Determination of Iron Meets ACS Requirements Current ACS Specification

Specification: PRD.1.ZQ5.1000003568

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.