

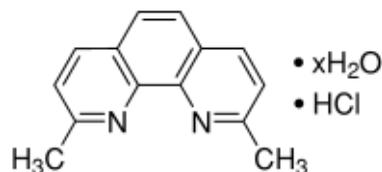
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Product Specification

Product Name:
Neocuproine hydrochloride hydrate - BioReagent, crystalline

Product Number: **N1626**
 CAS Number: 332360-00-6
 MDL: MFCD00150062
 Formula: C₁₄H₁₂N₂·HCl·xH₂O
 Formula Weight: 244.72 g/mol



TEST

Specification

Appearance (Color)	White to Yellow to Faint Brown
Appearance (Form)	Powder
Solubility (Color)	Colorless to Yellow and Colorless to Green and Colorless to Green-Yellow
Solubility (Turbidity)	Clear to Very Slightly Hazy
50 mg/mL, MeOH	
Infrared spectrum	Conforms to Structure
Water (by Karl Fischer)	≤ 23 %
(4 mol/mol)	
Suitability (Test)	Suitable
Suitable for determination of copper	
Purity (TLC)	≥ 98 %
Recommended Retest Period	-----
3 years	
Carbon (anhydrous)	67.3 - 70.1 %
Nitrogen (anhydrous)	11.0 - 11.9 %

Specification: PRD.1.ZQ5.10000011840

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.