

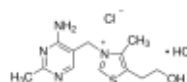
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Product Specification

Product Name:
Thiamine hydrochloride - reagent grade, ≥99% (HPLC)

Product Number: T4625
CAS Number: 67-03-8
MDL: MFCD00012780
Formula: C₁₂H₁₇ClN₄OS · HCl
Formula Weight: 337.27 g/mol



TEST	Specification
Appearance (Color)	White
Appearance (Form)	Powder
Solubility (Color)	Colorless
Solubility (Turbidity)	Clear
50 mg/mL, H ₂ O	
¹ H NMR Spectrum	Conforms to Structure
Water (by Karl Fischer)	≤ 7.0 %
Carbon (anhydrous)	42.1 - 43.4 %
Nitrogen (anhydrous)	16.1 - 17.1 %
Purity (HPLC)	≥ 99 %
Recommended Retest Period	-----
3 years	

Specification: PRD.1.ZQ5.10000025074

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.