

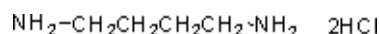
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Product Specification

Product Name:
Putrescine dihydrochloride - ≥98% (TLC)

Product Number: P7505
CAS Number: 333-93-7
MDL: MFCD00012526
Formula: C₄H₁₂N₂ · 2HCl
Formula Weight: 161.07 g/mol



TEST	Specification
Appearance (Color)	White
Appearance (Form)	Powder
Solubility (Color)	Colorless
Solubility (Turbidity)	Clear
100 mg/mL, H ₂ O	
Proton NMR spectrum	Conforms to Structure
Purity (Titration by HClO ₄)	≥ 98 %
Purity (TLC)	≥ 98 %
Recommended Retest Period	-----
4 Years	

Specification: PRD.0.ZQ5.10000022410

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.