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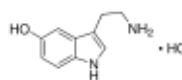
Email USA: techserv@sial.com

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Product Specification

Product Name:
Serotonin hydrochloride - powder

Product Number: H9523
CAS Number: 153-98-0
MDL: MFCD00012686
Formula: C₁₀H₁₂N₂O · HCl
Formula Weight: 212.68 g/mol
Storage Temperature: 2 - 8 °C



TEST	Specification
Appearance (Color)	White to Off White
Appearance (Form)	Powder
Solubility (Turbidity) 100 mg/mL, H ₂ O	Clear to Very Slightly Hazy
Water (by Karl Fischer) (0.5 mol/mol)	≤ 5 %
Nitrogen (dry basis)	12.5 - 13.9 %
¹ H NMR Spectrum	Conforms to Structure
Solvent Content (by NMR)	≤ 4 %
Purity (TLC)	≥ 98 %
Recommended Retest Period 3 years	-----

Specification: PRD.1.ZQ5.10000011741

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.