

Shanghai Aladdin Biochemical Technology Co., LTD
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Certificate of Analysis

Date of Testing: 2025-04-17 15:58:15
Date of Next Testing: 2029-04-16 15:58:15
Product Name: **Dopamine hydrochloride**
CAS Number: 62-31-7
Specifications & Purity: Moligand™, ≥98%
Lot #: D2509369
SKU #: **D103111**
Version: **1**
Analysis #: **456505**
Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Carbon by Elemental Analysis	49.7-51.7 (%)	50.98000 %
Purity(HPLC)	98-100 (%)	99.60500 %
Nitrogen by Elemental Analysis	7.2-7.5 (%)	7.32000 %
Appearance (D103111)	White to yellow/tan cast Powder, Lyophilized Powder	White to yellow/tan cast Powder, Lyophilized Powder
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in H ₂ O	Almost transparency	almost transparency

