

Shanghai Aladdin Biochemical Technology Co., LTD
809 Chuhua Branch Road, Fengxian District, Shanghai 201400, China

Certificate of Analysis

Date of Testing: 2025-08-08 14:53:26
Date of Next Testing: 2029-08-07 14:53:26
Product Name: **Dopamine hydrochloride**
CAS Number: 62-31-7
Specifications & Purity: Moligand™, ≥98%
Lot #: H2501019
SKU #: **D103111**
Version: **1**
Analysis #: **313451**
Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Purity (Argentmetric Titration)	98-100 (%)	98.84000 %
Carbon by Elemental Analysis	49.7-51.7 (%)	50.19700 %
Purity(HPLC)	98-100 (%)	99.66900 %
Nitrogen by Elemental Analysis	7.2-7.5 (%)	7.37600 %
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

