

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

Certificate of Analysis

Date of Testing: 2023-11-21 14:50:39
Date of Next Testing: 2027-11-20 14:50:39
Product Name: **Dopamine hydrochloride**
CAS Number: 62-31-7
Specifications & Purity: 98%
Lot #: K2316507
SKU #: **D103111**
Analysis: **290666**

Parameter	Limit Values	Result
Purity (Argentmetric Titration)	98-100 (%)	99.56000 %
Carbon by Elemental Analysis	49.7-51.7 (%)	50.14000 %
Purity(HPLC)	98-100 (%)	99.68400 %
Nitrogen by Elemental Analysis	7.2-7.5 (%)	7.34400 %
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



John Su
QA & QC Manager