

Certificate of Analysis

Date of Testing: 2023-10-12 11:03:56

Date of Next Testing: 2027-10-11 11:03:56

Product Name: **Dopamine hydrochloride**

CAS Number: 62-31-7

Specifications & Purity: 98%

Lot #: I2328219

SKU #: **D103111**

Analysis: **275969**

Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Purity (Argentmetric Titration)	98-100 (%)	99.25 %
Carbon by Elemental Analysis	49.7-51.7 (%)	50.10 %
Purity(HPLC)	98-100 (%)	99.31200 %
Nitrogen by Elemental Analysis	7.2-7.5 (%)	7.33 %
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 H2O	Almost transparency	almost transparency



John Su
QA & QC Manager