

Certificate of Analysis

Date of Testing: 2024-02-01 11:28:39

Date of Next Testing: 2028-01-31 11:28:39

Product Name: **Dopamine hydrochloride**

CAS Number: 62-31-7

Specifications & Purity: 98%

Lot #: A2425048

SKU #: **D103111**

Analysis: **313451**

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

Parameter	Limit Values	Result
Purity (Argentmetric Titration)	98-100 (%)	98.84 %
Carbon by Elemental Analysis	49.7-51.7 (%)	50.20 %
Purity(HPLC)	98-100 (%)	99.66900 %
Nitrogen by Elemental Analysis	7.2-7.5 (%)	7.38 %
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