

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-11-03 15:46:21
 Date of Next Testing: 2026-11-02 15:46:21
 Product Name: **Dopamine hydrochloride**
 CAS Number: 62-31-7
 Specifications & Purity: 98%
 Lot #: J2228463
 SKU #: **D103111**
Analysis: **139276**
 Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Purity (Argentmetric Titration)	98-100 (%)	99.63%
Carbon by Elemental Analysis	49.7-51.7 (%)	50.61%
Purity(HPLC)	98-100 (%)	99.36100%
Nitrogen by Elemental Analysis	7.2-7.5 (%)	7.40%
Appearance (D103111)	White to yellow/tan cast Powder, Lyophilized Powder	White to yellow/tan cast Powder, Lyophilized Powder
Solubility in H ₂ O	Almost transparency	almost transparency
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager