

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-04-17 10:38:16
 Date of Next Testing: 2029-04-16 10:38:16
 Product Name: **Dopamine hydrochloride**
 CAS Number: 62-31-7
 Specifications & Purity: Moligand™, ≥98%
 Lot #: D2509367
 SKU #: **D103111**
 Version: **1**
 Analysis #: **456505**
 Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Carbon by Elemental Analysis	49.7-51.7 (%)	50.98000 %
Purity(HPLC)	98-100 (%)	99.60500 %
Nitrogen by Elemental Analysis	7.2-7.5 (%)	7.32000 %
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