

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-02-01 10:38:35
Date of Next Testing: 2028-01-31 10:38:35
Product Name: **Dopamine hydrochloride**
CAS Number: 62-31-7
Specifications & Purity: 98%
Lot #: A2425049
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 H ₂ O | Almost transparency | almost transparency |



John Su
QA & QC Manager