

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-03-13 20:13:39
Date of Next Testing: 2027-03-12 20:13:39
Product Name: **Daunorubicin hydrochloride**
CAS Number: 23541-50-6
Specifications & Purity: >90%
Lot #: C2308992
SKU #: **D122335**
Analysis: 169714
Storage Temperature: Store at -20°C, Argon charged

| Parameter | Limit Values | Result |
|-----------------------|--|--|
| Water by Karl Fischer | 0-10 (%) | 0.61 % |
| PH(0.5% Water Water) | 4.5-6.5 | 4.90 |
| Assay | 842-1030 (ug/mg) | 867.00000 µg/mg |
| Appearance (D122335) | Red Solid Powder, Crystals and/or Chunks | Red Solid Powder, Crystals and/or Chunks |
| Proton NMR spectrum | Conforms to Structure | Conforms to Structure |



John Su
QA & QC Manager