

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-03-13 20:19:00  
Date of Next Testing: 2027-03-12 20:19:00  
Product Name: **Daunorubicin hydrochloride**  
CAS Number: 23541-50-6  
Specifications & Purity: >90%  
Lot #: C2308998  
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