

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-06-13 10:18:52
Date of Next Testing: 2030-06-12 10:18:52
Product Name: **Doxorubicin hydrochloride**
CAS Number: 25316-40-9
Specifications & Purity: $\geq 97\%$
Lot #: F2603004
SKU #: **D396221**
Version: **1**
Analysis #: **725463**
Storage Temperature: Protected from light, Store at -20°C

Parameter	Limit Values	Result
Purity(HPLC)	97-100 (%)	98.92000 %
Specific Rotation $[\alpha]_{20}^D(c=0.1 \text{ in MeOH})$	240-270 ($^{\circ}$)	269.00000 $^{\circ}$
Appearance(D396221)	Orange to Red-Brown Powder or solid	Orange to Red-Brown Powder or solid
Proton NMR spectrum	Conforms to structure	Conforms to Structure



John Su
QA & QC Manager