

Certificate of Analysis

Date of Testing: 2025-06-28 14:02:17

Date of Next Testing: 2029-06-27 14:02:17

Product Name: **Doxorubicin hydrochloride**

CAS Number: 25316-40-9

Specifications & Purity: $\geq 97\%$

Lot #: F2511285

SKU #: **D396221**

Version: **1**

Analysis #: **535124**

Storage Temperature: Protected from light, Store at -20°C

Parameter	Limit Values	Result
Purity(HPLC)	97-100 (%)	98.50500 %
Specific Rotation $[\alpha]_{20}^{\text{D}}/(\text{c}=0.1 \text{ in MeOH})$	240-270 ($^{\circ}$)	269.20 $^{\circ}$
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