

Certificate of Analysis

Date of Testing: 2023-03-28 23:29:01
Date of Next Testing: 2027-03-27 23:29:01
Product Name: **Doxorubicin hydrochloride**
CAS Number: 25316-40-9
Specifications & Purity: 97%
Lot #: C2316706
SKU #: **D396221**
Analysis: 204475
Storage Temperature: Protected from light, Store at -20°C

Parameter	Limit Values	Result
Purity(HPLC)	97-100 (%)	99.33300 %
Specific Rotation $[\alpha]_{20}^D(c=0.1 \text{ in MeOH})$	240-270 (°)	269.98 °
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