

Certificate of Analysis

Date of Testing: 2025-01-16 11:51:12

Date of Next Testing: 2029-01-15 11:51:12

Product Name: **Doxorubicin hydrochloride**

CAS Number: 25316-40-9

Specifications & Purity: Moligand™, ≥98%

Lot #: A2506027

SKU #: **D107159**

Version: **0**

Analysis #: **371385**

Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Specific Rotation [α] ₂₀ /D(c=0.1 in MeOH)	240-270 (°)	250.00 °
Purity(HPLC)	98-100 (%)	98.00000 %
Water by Karl Fischer(in 2-Methoxyethanol)	0-3 (%)	2.68 %
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Appearance (D107159)	Orange to Red-Brown Powder	Orange to Red-Brown Powder
Solubility in H ₂ O , Orange to Red, Clear, 50 mg/mL	pass	Pass



John Su
QA & QC Manager