

Certificate of Analysis

Date of Testing: 2025-06-28 15:02:54

Date of Next Testing: 2029-06-27 15:02:54

Product Name: **Doxorubicin hydrochloride**

CAS Number: 25316-40-9

Specifications & Purity: Moligand™, ≥98%

Lot #: F2512565

SKU #: **D107159**

Version: **0**

Analysis #: **154308**

Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.33300 %
Water by Karl Fischer(in 2-Methoxyethanol)	0-3 (%)	0.79 %
Specific Rotation [α] ₂₀ /D(c=0.1 in MeOH)	240-270 (°)	269.98 °
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
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager