

Certificate of Analysis

Date of Testing: 2025-02-10 15:44:45

Date of Next Testing: 2029-02-09 15:44:45

Product Name: **Doxorubicin hydrochloride**

CAS Number: 25316-40-9

Specifications & Purity: $\geq 98\%$

Lot #: B2507114

SKU #: **D107159**

Version: **0**

Analysis #: **369846**

Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Water by Karl Fischer(in 2-Methoxyethanol)	0-3 (%)	0.43 %
Purity(HPLC)	98-100 (%)	98.02000 %
Specific Rotation $[\alpha]_{20/D}(c=0.1 \text{ in MeOH})$	240-270 ($^{\circ}$)	269.89 $^{\circ}$
Appearance (D107159)	Orange to Red-Brown Powder	Orange to Red-Brown Powder
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in H ₂ O , Orange to Red,Clear,50 mg/mL	pass	Pass



John Su
QA & QC Manager