

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-01-19 16:35:49
Date of Next Testing: 2030-01-18 16:35:49
Product Name: **Doxorubicin hydrochloride**
CAS Number: 25316-40-9
Specifications & Purity: Moligand™, ≥98%
Lot #: A2614319
SKU #: **D107159**
Version: **0**
Analysis #: **595178**
Storage Temperature: Store at -20°C

| Parameter | Limit Values | Result |
|---|----------------------------|----------------------------|
| Purity(HPLC) | 98-100 (%) | 98.92000 % |
| Water by Karl Fischer(in 2-Methoxyethanol) | 0-3 (%) | 0.92 % |
| Specific Rotation [α] ₂₀ /D(c=0.1 in MeOH) | 240-270 (°) | 269.00 ° |
| 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