

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-11-07 09:05:21
 Date of Next Testing: 2029-11-06 09:05:21
 Product Name: **Doxycycline hyclate**
 CAS Number: 24390-14-5
 Specifications & Purity: Moligand™, ≥98%
 Lot #: J2531495
 SKU #: **D111943**
 Version: **0**
 Analysis #: **593315**
 Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Water by Karl Fischer	0-5 (%)	0.21400 %
solvent content by GC(ethanol)	0-7 (%)	0.41500 %
Purity(HPLC)	98-100 (%)	99.55400 %
Appearance (D111943)	yellow to yellow-green powder	yellow to yellow-green powder
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in H ₂ O , clear ,yellow to yellow-green solution,50 mg/mL	pass	Pass



John Su
QA & QC Manager