

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-11-04 14:19:08
 Date of Next Testing: 2029-11-03 14:19:08
 Product Name: **penicillin G , Na**
 CAS Number: 69-57-8
 Specifications & Purity: Moligand™, 1650 U/mg
 Lot #: A2220322
 SKU #: **P105489**
 Version: **0**
 Analysis #: **597879**
 Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Specific Rotation [α] _{20/D} (c=2 in H ₂ O)	285-310 (°)	289.16600 °
PH (10% Water)	5.5-7.5	6.47500
2-Ethylhexanoic acid	0-0.5 (%)	0.29800 %
Loss on drying	0-1 (%)	0.05800 %
potency	≥1650(units/mg)	1656.00000 units/mg
Infrared spectrum	Conforms to Structure	Conforms to Structure
Related substances	Pass	Pass



John Su
QA & QC Manager