

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-03-21 13:32:49  
Date of Next Testing: 2029-03-20 13:32:49  
Product Name: **penicillin G , Na**  
CAS Number: 69-57-8  
Specifications & Purity: Moligand™, 1650 U/mg  
Lot #: C2517351  
SKU #: **P105489**  
Version: **0**  
Analysis #: **482745**  
Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Specific Rotation [a] <sub>D</sub> 20/D(c=2 in H <sub>2</sub> O)	285-310 (°)	285.35200°
PH (10% Water)	5.5-7.5	6.54000
2-Ethylhexanoic acid	0-0.5 (%)	0.20000 %
Loss on drying	0-1 (%)	0.50000 %
potency	>=1650(units/mg)	1671.00000 units/mg
Related substances	Pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager