


ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-08-29 15:32:20  
Date of Next Testing: 2027-08-28 15:32:20  
Product Name: **penicillin G , Na**  
CAS Number: 69-57-8  
Specifications & Purity: Moligand™, 1650 U/mg  
Lot #: H2324347  
SKU #: **P105489**  
Version: **0**  
Analysis #: **260886**  
Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Specific Rotation [α] <sub>20</sub> /D(c=2 in H <sub>2</sub> O)	285-310 (°)	289.04000°
PH (10% Water)	5.5-7.5	6.37000
2-Ethylhexanoic acid	0-0.5 (%)	0.26000%
Loss on drying	0-1 (%)	0.50000%
potency	>=1650(units/mg)	1665.00000 units/mg
Related substances	Pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager