

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-10-29 09:28:03
Date of Next Testing: 2028-10-28 09:28:03
Product Name: **penicillin G , Na**
CAS Number: 69-57-8
Specifications & Purity: Moligand™, 1650 U/mg
Lot #: J2423103
SKU #: **P105489**
Version: **0**
Analysis #: **111923**
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 (°)	293.80300°
PH (10% Water)	5.5-7.5	6.52000
2-Ethylhexanoic acid	0-0.5 (%)	0.30000 %
Loss on drying	0-1 (%)	0.50000 %
potency	≥1650 (units/mg)	1658.00000 units/mg
Infrared spectrum	Conforms to Structure	Conforms to Structure
Related substances	Pass	Pass



John Su
QA & QC Manager