

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-04-07 15:21:49
Date of Next Testing: 2029-04-06 15:21:49
Product Name: **penicillin G , Na**
CAS Number: 69-57-8
Specifications & Purity: Moligand™, 1650 U/mg
Lot #: F2117202
SKU #: **P105489**
Version: **0**
Analysis #: **491143**
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 (°)	291.60000°
PH (10% Water)	5.5-7.5	6.20000
2-Ethylhexanoic acid	0-0.5 (%)	0.34000 %
Loss on drying	0-1 (%)	0.22000 %
potency	>=1650(units/mg)	1650.00000 units/mg
Infrared spectrum	Conforms to Structure	Conforms to Structure
Related substances	Pass	Pass



John Su
QA & QC Manager