

Shanghai Aladdin Biochemical Technology Co., LTD
809 Chuhua Branch Road, Fengxian District, Shanghai 201400, China

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

