

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

Certificate of Analysis

Date of Testing: 2023-08-29 16:06:36
Date of Next Testing: 2027-08-28 16:06:36
Product Name: **penicillin G , Na**
CAS Number: 69-57-8
Specifications & Purity: 1650 U/mg
Lot #: H2324742
SKU #: **P105489**
Analysis: **260886**

Parameter	Limit Values	Result
Specific Rotation [α] ₂₀ /D(c=2 in H ₂ 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