

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-03-16 22:16:41
 Date of Next Testing: 2026-03-15 22:16:41
 Product Name: **Penicillin G sodium salt**
 CAS Number: 69-57-8
 Specifications & Purity: Moligand™, ≥96%
 Lot #: C2309674
 SKU #: **P433334**
 Version: **1**
 Analysis #: **188716**
 Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Purity(HPLC)(dry basis)	96-100 (%)	96.75500 %
Specific Rotation [α] _{20/D} (c=2 in H ₂ O)(calcd.on anh.substance)	285-310 (°)	292.47300 °
Drying loss	0-1 (%)	0.12000 %
Appearance(P433334)	White to Almost white powder to crystal	White to Almost white powder to crystal
NMR Spectrum 1H	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager