

Certificate of Analysis

Date of Testing: 2023-11-20 15:19:43

Date of Next Testing: 2026-11-19 15:19:43

Product Name: **Penicillin G potassium salt**

CAS Number: 113-98-4

Specifications & Purity: powder, BioReagent, suitable for cell culture

Lot #: K2316285

SKU #: **P431514**

Analysis: **292113**

Storage Temperature: Store at -20°C, Argon charged

Parameter	Limit Values	Result
pH(6% H ₂ O, 25°C)	5.0-7.5	6.00000
Loss on drying	0-1.5 (%)	0.00 %
Specific Rotation [α] _{20/D} (c=1 in H ₂ O)	270-300 (°)	275.50 °
potency	1440-1680 (U/mg)	1592.00 U/mg
Appearance(P431514)	White to Off-White Crystalline powder	white to off-white crystalline powder
Infrared spectrum	Conforms to Structure	Conforms to Structure
Cell Culture Test	pass	Pass



John Su
QA & QC Manager