

Shanghai yuanye Bio-Technology Co., Ltd

465 Changta Road, SongJiang District, Shanghai 201604, China

Certificate of Analysis

Date of Testing: 2025-11-05 09:33:17

Date of Next Testing: 2028-11-04 09:33:17

Product Name: **Penicillin G potassium salt**

CAS Number: 113-98-4

Specifications & Purity: BioReagent, for cell culture, powder

Lot #: J2527221

SKU #: **V33871**

Version: **0**

Analysis #: **602558**

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 %
potency	1440-1680 (U/mg)	1592.00 U/mg
Specific Rotation [α] _{20/D} (c=1 in H ₂ O)	270-300 (°)	275.50 °
Infrared spectrum	Conforms to Structure	Conforms to Structure
Cell Culture Test	pass	Pass
Appearance(V33871)	White to Off-White Crystalline powder	white to off-white crystalline powder

Quality Assurance : Xiaoyong Tan

Quality Control : Yunfei Zhu

