

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-08-19 11:02:57

Date of Next Testing: 2029-08-18 11:02:57

Product Name: **Penicillin G potassium salt**

CAS Number: 113-98-4

Grades & Purity: BioReagent, for cell culture, powder

Lot #: K2316286

SKU #: **P431514**

Version: **2**

Analysis #: **753891**

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 (%)	0.00000 %
potency	1440-1680 (U/mg)	1592.00000 U/mg
Specific Rotation [α] _{20/D} (c=1 in H ₂ O)	270-300 (°)	275.49000 °
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

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QA & QC Manager