

Certificate of Analysis

Date of Testing: 2025-07-15 14:39:39

Date of Next Testing: 2029-07-14 14:39:39

Product Name: **Penicillin G sodium salt**

CAS Number: 69-57-8

Specifications & Purity: PharmPure™, USP, Moligand™

Lot #: I2124480

SKU #: **P274325**

Version: **1**

Analysis #: **540153**

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

Parameter	Limit Values	Result
Potency(on anhydrous substance)	1500-1750 (U/mg)	1649.00000 U/mg
Potency(as is)	1477.5 -1723.8 (U/mg)	1649.00000 U/mg
pH (25°C; 6 % in water (3 g/50 ml))	5.0- 7.5	6.20000
Loss on Drying(USP)	≤1.5 (%)	0.00000 %
Residual solvents Class 3 (1-Butanol)	≤1.3 (ppm)	0.00000 ppm
Residual solvents Class 3(Butyl acetate)	≤5000 (ppm)	0.00000 ppm
Crystallinity	Passes test	Passes test
Identification (IR)	Passes test	Passes test
Identification (Na)	Passes test	Passes test



John Su
QA & QC Manager