



Product Specification

Product Name: Penicillin G Sodium Salt, USP Grade
Cat #: P-304
CAS #: 69-57-8
Storage: Store desiccated at -20°C.

Test	Specifications
Description	White or almost white powder
Identification	Positive
Solubility	Clear, colorless solution
Loss on drying	≤1.0%
pH	5.5-7.5
Light absorption - 264 nm - 280 nm - 325 nm	0.800 to 0.880 ≤0.100 ≤0.100
Total Impurities	≤1.0%
Bacterial endotoxins	<0.16 IU/mg
Assay (on dried basis)	≥96.0%
Potency	1500~1750 u/mg

Conclusion: Conform to USP36 specifications.

GOLD BIOTECHNOLOGY, INC. provides this Product Specification in good faith. Specifications are subject to change.

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