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CERTIFICATE OF ANALYSIS

PRODUCT: 100 ml 0.0080 ± 0.0002 IU/ml Penicillin G Standard /
80 ml 0.0100 ± 0.0003 IU/ml Penicillin G Standard

LOT NUMBER: 30333A

EXPIRATION DATE: September 2025


ORDER CODE: PG008

DESCRIPTION: Contains 0.80 ± 0.01 IU freeze dried penicillin G manufactured from official USP (U. S. Pharmacopeia) reference standard Penicillin G Potassium, catalog number 1502508, using analytical chemistry techniques. HPLC analysis determines that the production stock solution purity and concentration are within 6% of a fresh penicillin G potassium standard solution made directly from official USP Reference Standard. Finished product quality control approval is based on Charm II Beta-lactam Test and *B.stearothermophilus* Disc Assay testing within acceptable variation from a master control standard or a freshly made standard from USP Reference Standard Penicillin G Potassium. Shelf life studies, heat stress studies and frozen stability studies are performed to verify operator's manual claims.

PREPARATION: See operator's manual.

STORAGE: See operator's manual.

PREPARED BY: Michael T. Wade

SIGNATURE: 

TITLE: Document Control Manager

DATE: 09/08/2023