

CERTIFICATE of ANALYSIS

PRODUCT:	Penicillin G, Sodium salt [Benzylpenicillin Na + salt] C ₁₆ H ₁₇ N ₂ NaO ₄ S; M.W. 356.4; CAS: 69-57-8
PRODUCT NUMBER:	P-2831
LOT NUMBER:	G1349
APPEARANCE:	White solid
SOLUBILITY:	Soluble in H ₂ O
POTENCY (Anhydrous):	1664 U/mg
IDENTIFICATION (IR):	Conforms
LOSS on DRYING:	0.1%
ph (6%, H₂O, 25°C):	5.9
DESCRIPTION:	Inhibitor of bacterial cell wall synthesis. Active against gram positive and some gram negative bacteria. B-Lactamase sensitive.
STORAGE & HANDLING:	Store desiccated at +4°C. <u>WARNING:</u> HARMFUL!

CAUTION: For research use only. Not for human or drug use. The pharmacological and toxicological properties of this product have not been fully investigated. Use caution when handling. Do not use this compound if you are not fully trained or are unaware of the hazards involved.

Verified: **KS**