



## Specification

### Penicillin G Potassium Salt

**CAS Number:** 113-98-4  
**Molecular Formula:** C<sub>16</sub>H<sub>17</sub>KN<sub>2</sub>O<sub>4</sub>S  
**Molecular Weight:** 372.5  
**Storage:** 2-8°C

Test	Specification
Appearance:	White or Almost White Crystalline Powder
Assay:	98 - 102 %
Crystallinity:	Pass
Identification:	Pass
Loss on Drying:	≤ 1.0 %
pH (6% Solution @ 25 oC):	5.5 - 7.5
Potency:	1440 - 1680 U/mg
Residual Solvent (Ethyl acetate):	≤ 0.2 %
Residual Solvent (N-Butyl Alcohol):	≤ 0.2 %

Approved:

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