

3050 Spruce Street, Saint Louis, MO 63103, USA

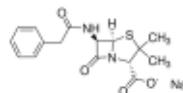
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## Product Specification

Product Name:  
Penicillin G sodium salt - ~1650 U/mg

Product Number: **PENNA**  
CAS Number: 69-57-8

Formula: C<sub>16</sub>H<sub>17</sub>N<sub>2</sub>NaO<sub>4</sub>S  
Formula Weight: 356.4 AMU



TEST	Specification
Appearance (Form)	Powder
Appearance (Color)	White to Off-White
Solubility (Solvent)	Water
Solubility (Conc)	98 - 102 mg/ml
Solubility (Color)	Colorless to Faint Yellow
Solubility (Turbidity)	Clear
Infrared spectrum	Conforms to Structure
Water (by Karl Fischer)	≤ 1.5 %
Potency	1645 - 1675
units Penicillin/mg of solid	
Recommended Retest Period	-----
3 Years	

Specification: PRE.1.ZQ5.10000013923

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at [Sigma-Aldrich.com](http://Sigma-Aldrich.com). For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.