



40309

## Penicillin G Sodium Salt (PNL), 98%

Part B

CAS : 69-57-8

Molecular Formula : C<sub>16</sub>H<sub>17</sub>NaN<sub>2</sub>O<sub>4</sub>S

Molecular Weight : 356.37

### Specifications

Appearance (Colour)	White
Appearance (Form)	Crystalline powder
Solubility (Turbidity) 10% aq. solution	Clear
Solubility (Colour) 10% aq. solution	Colourless
pH (10% aq. solution)	5.5 - 7.5
Assay (HPLC)	min. 98.0%
Potency	min. 1600 µg/mg
Specific rotation [?]	+ 285 to + 310° (C=2 , Water)
Absorbance (A) of 0.18% aqueous solution in a 1 cm cell v/s H <sub>2</sub> O	
@280nm	max. 0.1
@264nm	0.80 - 0.88

### Other Information

Notes

Solubility (readily): water, isotonic saline, glucose solutions  
Solubility (partially): methanol  
Solubility (sparingly): ethanol  
Insoluble: acetone, chloroform, ether, ethyl acetate, fixed oil & liquid paraffin

### General Information

Storage	8 to 25°C (Cool & Dry Area)
Shelf Life	60 Months
IMDG Identification	Not Regulated for Transport (Non-Haz)
HSN Code	
1 Gms	98020000 (GST 18%)
Type of Packing	
1 Gms	Plastic Bottle

## Available Packages

1 Gms

5 Gms

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### Disclaimer

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