



# Certificate of Analysis

## CARBENICILLIN, DISODIUM SALT

<u>Catalog #</u>	<u>Size</u>
IB02010	1 gm
IB02020	5 gm
IB02025	25 gm

**Catalog Number:** IB02010, IB02020, IB02025

**Lot Number:** 120606

**Molecular Formula:** C<sub>17</sub>H<sub>16</sub>N<sub>2</sub>O<sub>6</sub>SN<sub>2</sub>

**Molecular Weight:** 422.36

**Appearance:** White powder

<u>Assay</u>	<u>Min</u>	<u>Max</u>	<u>Actual</u>	<u>Units</u>	<u>Disposition</u>
Potency (on dried basis)	800		827	ug/mg	PASS
pH (2mg/mL in water) @25°C	6.0	7.5	6.04		PASS
Water Content		6.0	3.6	%	PASS
Identification	PASS		PASS	P/F	PASS
Solubility (50mg/mL, Water)			Clear and slightly yellow solution	P/F	PASS
Iodine Absorbing Substances		8.0	PASS	%	PASS
Benzylopenicillin Sodium		5.0	PASS	%	PASS
Pyrogens		80	PASS	mg/kg	PASS
Residue of Solvents		0.5	PASS	%	PASS
Assay (on dried basis)	92.0		95.78	%	PASS
Retest Date	REPORT		09/30/15		

### Storage

Store at +4°C. Warm to room temperature before opening. Keep tightly sealed. Store Carbenicillin solution in a light-tight container at -20°C.

*This signature indicates that the above material has met all quality specifications and has been reviewed by a quality representative.*

Signature: K. McCarthy  
Date: 12/19/2013