



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: 18B3001

Molecular Formula: $C_{17}H_{16}N_2O_6SNa_2$

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		842	ug/mg	PASS
pH (2mg/mL in water) @25°C	6.0	7.5	6.6		PASS
Water Content		6.0	2.2	%	PASS
Identification	PASS		PASS	P/F	PASS
Clarity of solution			Clear solution	P/F	PASS
Benzympenicillin Sodium		5.0	PASS	%	PASS
Bacterial Endotoxins		0.5	PASS	%	PASS
Chromatographic Purity (HPLC)	92.0		98.0	%	PASS
Assay (on dried basis)	92.0		94.0	%	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. Kutsch
Date: 04/13/2018