



# Certificate of Analysis

## KANAMYCIN SULFATE

<u>Catalog #</u> IB02120	<u>Size</u> 25 gm
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**Catalog Number:** IB02120

**Lot Number:** 13K1850

**Molecular Formula:**  $C_{18}H_{36}N_4O_{11} \cdot H_2SO_4$

**Molecular Weight:** 582.58

**Appearance:** Fine white to off-white powder

<u>Assay</u>	<u>Min</u>	<u>Max</u>	<u>Actual</u>	<u>Units</u>	<u>Disposition</u>
Potency (Anhydrous)	750		767	mcg/mg	PASS
Potency (As is)	REPORT		760.9	mcg/mg	PASS
pH (1%, Water) @25°C	6.5	8.5	7.84		PASS
Loss on Drying		4.0	0.8	%	PASS
Residue on Ignition		1.0	0.05	%	PASS
Chromatographic Purity	PASS		PASS	P/F	PASS
Identification	PASS		PASS	P/F	PASS
Crystallinity	PASS		PASS	P/F	PASS
Expiration Date	REPORT		01/31/16		

Residual Solvents Impurity Information – The following Class 1, 2, or 3 Solvents may be present in this product and are identified and quantified below. All comply with the limits prescribed in the current USP.

<u>Class</u>	<u>Solvent</u>	<u>Concentration Limit (ppm)</u>
Class 3	Ethanol	1000

### Storage

Store at +4°C. Warm to room temperature before opening. Keep tightly sealed. Store Kanamycin 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: 12/13/2013