



# Certificate of Analysis

## KANAMYCIN SULFATE

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

**Lot Number:** 20110509

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

**Molecular Weight:** 582.58

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

<u>Assay</u>	<u>Min</u>	<u>Max</u>	<u>Actual</u>	<u>Units</u>	<u>Disposition</u>
Assay (Dried Basis)	750		770	µg/mg	PASS
pH (1%, Water) @25°C	6.5	8.5	8.23		PASS
Loss on Drying		4.0	1.51	%	PASS
Residue on Ignition		1.0	0.25	%	PASS
Chromatographic Purity	PASS		PASS	P/F	PASS
Identification	PASS		PASS	P/F	PASS
Crystallinity	PASS		PASS	P/F	PASS
Retest Date	REPORT		04/2016		

**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: 03/05/2013