



Certificate of Analysis

KANAMYCIN SULFATE

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

Lot Number: 18B3021

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		803	mcg/mg	PASS
Specific Rotation	+116	+123	+120	deg	PASS
pH (1%, Water) @25°C	6.5	8.5	8.2		PASS
Loss on Drying		1.5	0.6	%	PASS
Residue on Ignition		1.0	0.3	%	PASS
Chromatographic Purity	PASS		PASS	P/F	PASS
Identification	PASS		PASS	P/F	PASS
Expiration Date	REPORT		08/09/20		

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. Kutsch*
Date: 04/13/2018