



# Certificate of Analysis

## STREPTOMYCIN SULFATE

<u>Catalog #</u> IB02180	<u>Size</u> 25 gm
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**Catalog Number:** IB02180

**Lot Number:** 15D1050

**Molecular Formula:**  $(C_{21}H_{39}N_7O_{12})_2 \cdot 3H_2SO_4$

**Molecular Weight:** 1457.38

**Appearance:** Fine white powder

<u>Assay</u>	<u>Min</u>	<u>Max</u>	<u>Actual</u>	<u>Units</u>	<u>Disposition</u>
Potency (Dry Basis)	650	850	746	mcg/mg	PASS
Identification	PASS		PASS	P/F	PASS
Loss on Drying (USP)		5.0	4.8	%	PASS
pH (20%, Water) @25°C	4.5	7.0	5.8		PASS
Potency (as is)	REPORT		710.19	mcg/mg	PASS
Expiration Date	REPORT		08/28/18		

Residual Solvents: No class 1, 2, 3 or other residual solvents are present

### Storage

Store at +4°C. Warm to room temperature before opening. Keep tightly sealed. Store Streptomycin 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: 05/21/2015