



Certificate of Analysis

STREPTOMYCIN SULFATE

<u>Catalog #</u>	<u>Size</u>
IB02180	25 gm

Catalog Number: IB02180

Lot Number: 18DC0525C

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>
Methanol (GC)		≤ 0.3	Absent	%	PASS
Streptomycin B		≤ 3.0	Complies	%	PASS
Loss on Drying		≤ 7.0	5.4	%	PASS
Sulfated ash		≤ 1.0	0.6	%	PASS
Sulfate		18 - 21.5	20.6	%	PASS
Colormetric test		≥ 90.0	99.5	%	PASS
pH		4.5 - 7.0	6.2		PASS
Assay (dried substance)		≥ 720	743	U/mg	PASS

Retest Date: 05/2021

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: Toby Frericks
Date: 04/29/2019