CERTIFICATE OF ANALYSIS

Product Description	STREPTOMYCIN SULFATE SOLUTION (250 MG/ML) O-2-DEOXY-2-(METHYLAMINO)-α-L-GLUCOPYRANOSYL-(1→2)-O-5-DEOXY-3-C-FORMYL-α-L-LYXOFURANOSYL-(1→4)-N,N'-BIS(AMINOIMINOMETHYL)-D-STREPTAMINE SULFATE
Product Number	S7739
Lot Number	10D7739001
Storage Temperature	2-6° C
Molecular Weight	1457.4
Formula	$(C_{21}H_{39}N_7O_{12})_2 \cdot 3H_2SO_4$
CAS Number	3810-74-0

Physiochemical Specifications:

TEST	SPECIFICATION	RESULTS
Solubility	Miscible in Water	Passes
pH	Under Development	5.4
Physical Appearance Color* Texture	 Under Development Clear Liquid	 2022-60 Light Yellow Clear Liquid
Insolubles	None	Passes
FTIR	Conforms to Structure	Passes
Potency (dry basis of raw material)	Minimum 650 U/mg	760 U/mg

* Product color based upon comparisons between sample and standardized color wheel (Benjamin Moore® Color Preview™).

The material described in this certificate is synthetic. No animal- or plant-derived components were used in the manufacture of this product.

***Phyto*Technology Laboratories® provides the above information intended to be used only as a guide to the appropriate handling of this material by a properly trained person. *Phyto*Technology Laboratories shall not be held liable for any damage resulting from handling or from contact with the above product. This product is intended for LABORATORY USE ONLY. Our products may NOT BE USED as drugs, cosmetics, agricultural or pesticidal products, food additives or as household chemicals.**

Recommended Shelf Life Date: November 2018

Gary Seckinger, Ph.D.

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