

CERTIFICATE OF ANALYSIS

Product Description STREPTOMYCIN SULFATE SOLUTION (250 MG/ML)
O-2-DEOXY-2-(METHYLAMINO)- α -L-GLUCOPYRANOSYL-(1 \rightarrow 2)-O-5-
DEOXY-3-C-FORMYL- α -L-LYXOFURANOSYL-(1 \rightarrow 4)-N,N'-
BIS(AMINOIMINOMETHYL)-D-STREPTAMINE SULFATE

Product Number S7739
Lot Number HWX7739003
Storage Temperature 2-8°C
Molecular Weight 1457.4
Formula (C₂₁H₃₉N₇O₁₂)₂•3H₂SO₄
CAS Number 3810-74-0

Physiochemical Specifications:

TEST	SPECIFICATION	RESULTS
Solubility	Miscible in Water	Passes
pH (Neat)	Under Development	2.8
Physical Appearance		
Color*	Under Development	2018-30 Dark Orange
Texture	Clear Liquid	Clear Liquid
Insolubles	None	Passes
FTIR	Conforms to Structure	Passes
Potency of Raw Material	Minimum 650 μ g/mg	971.5 μ g/mg
Sterility	Sterile	Passes

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

The material described in this certificate was manufactured in the United States of America. The raw material was produced from microbial fermentation by *Streptomyces griseus* and then is purified. No animal- or plant-derived components were used in the manufacture of this product.

PhytoTech Labs Inc. provides the above information intended to be used only as a guide to the appropriate handling of this material by a properly trained person. PhytoTech Labs Inc. 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.

Date of Release: 07-May-2026

Recommended Shelf-Life Date: November 2028

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