

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 10D7739001
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 | Under Development | 4.9 |
| Physical Appearance | | |
| Color* | Under Development | 2021-60 Light Yellow |
| Texture | Clear Liquid | 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™).

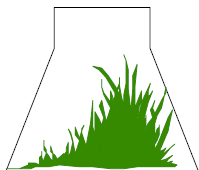
The material described in this certificate is synthetic. No animal- or plant-derived components were used in the manufacture of this product.

PhytoTechnology 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. PhytoTechnology 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.

Date of Release: 3-December-2018
Recommended Shelf Life Date: June 2021



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