

Certificate of Analysis

Product Description: Streptomycin Sulfate, cell culture reagent

Catalog Number: 194541

Lot: YC10039

Formula : C₄₂H₈₄N₁₄O₃₆S₃

CAS #: 3810-74-0

Physical Description: White Powder

Formula Weight: 1457.38

Storage: protect from light, 2 - 8°C

Test	Specification	Result
Identity Test	Passes	Passes
FTIR	Conforms to Standard	Conforms to Standard
Loss on Drying	<7.0%	5.0%
Activity	>650 ug/mg	756 ug/mg
Solubility (4% aq soln)	Clear, Colorless Solution	Clear, Colorless Solution

pH: 5.3

Streptomycin B: <3.0%

Sulfated Ash: 0.3%

Sulfate (dried substance): 19.7%

Colorimetric Test: 97.0%

Recommended Retest Date (MM/DD/YYYY): 11/09/2025



10/21/2022 - Lily Liu

MP Biomedicals, LLC.

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