

Chem-Impex International, Inc.

Tel: (630) 766-2112

E-mail: sales@chemimpex.com

Shipping and Correspondence:

935 Dillon Drive

Wood Dale, IL 60191

Fax: (630) 766-2218

Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191

Certificate of Analysis

Catalogue Number	00281
Lot Number	001873-1111302
Product	Streptomycin sulfate <i>N</i> -Methyl-L-glucosaminidostreptosido streptidine sulfate
CAS Number	3810-74-0
Molecular Formula	(C ₂₁ H ₃₉ N ₇ O ₁₂) ₂ •3H ₂ SO ₄
Molecular Weight	1457.38
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Appearance	White powder
Appearance of Solution	Clarity: < 1
Solubility	Completely soluble; clear, colorless solution (0.1% aqueous solution at room temperature using frequent agitation)
Sulfur Compounds	Sulphate: 18.9%
pH	5.9
TLC System	Conforms to structure
Infrared Spectrum	Sample spectrum exhibits maxima and minima only at the same wavelengths as the standard using KBr pellet technique
Loss on Drying	3.9%
Bacterial Endotoxins	Pass
Sulfated Ash	18.9%
Assay	753 IU/mg
Potency (Anhydrous Basis)	650 to 850 mcg/mg
Storage	Store at 2-8°C
Additional Information	Streptomycin B: < 3.0% Sodium metabisulphite: 0.009% Colorimetric test: 100.4% Abnormal toxicity: 1mg/0.5 mL

Certificate of Analysis

Catalog Number: 00281

Lot Number: 001873-1111302

Remarks

See material safety data sheet for additional information

For laboratory use only

The foregoing is a copy of the Certificate of Analysis as provided by our supplier



Bala Kumar
Quality Control Manager