

# Chem-Impex International, Inc.

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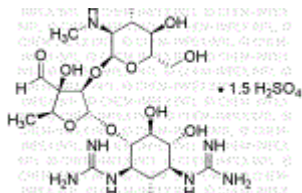
**Web site:** www.chemimpex.com

**Manufacturing site:**

825 Dillon Drive

Wood Dale, IL 60191

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## Product Specifications

<b>Catalogue Number</b>	00281
<b>Product</b>	<b>Streptomycin sulfate</b> <i>N</i> -Methyl-L-glucosaminidostreptosido streptidine sulfate
<b>CAS Number</b>	3810-74-0
<b>Molecular Formula</b>	$(\text{C}_{21}\text{H}_{39}\text{N}_7\text{O}_{12})_2 \cdot 3\text{H}_2\text{SO}_4$
<b>Molecular Weight</b>	1457.38

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<b>Warnings</b>	<i>Hygroscopic!</i>
<b>Appearance</b>	White or almost white powder
<b>Solubility</b>	Very soluble in water, practically insoluble in ethanol
<b>Anion</b>	Sulfate : 18.0 - 21.5%
<b>pH</b>	4.5 - 7.0
<b>Loss on Drying</b>	$\leq 7\%$
<b>Residual Solvents</b>	Methanol : $\leq 0.3\%$
<b>Bacterial Endotoxins</b>	$\leq 0.25$ IU/mg
<b>Sulfated Ash</b>	$\leq 1\%$
<b>Potency (Anhydrous Basis)</b>	$\geq 650$ IU/mg
<b>Storage</b>	Store at 0 - 8°C
<b>Additional Information</b>	Streptomycin B : $\leq 3\%$ Colorimetric test : $\geq 90\%$ Abnormal toxicity : To pass test Sterility : To pass test

**For Laboratory Use Only**