

Certificate of Analysis

Date of Testing: 2023-03-10 12:37:26
Date of Next Testing: 2027-03-09 12:37:26
Product Name: **Streptomycin sulfate**
CAS Number: 3810-74-0
Specifications & Purity: 720 I.U./mg
Lot #: C23031267
SKU #: **S105491**
Analysis: 186511
Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Loss on drying	0-7 (%)	3.80 %
suitability for microbiology	0-3 (%)	1.02 %
Sulfate Ash	0-1 (%)	0.90 %
PH	4.5-7	5.50
Methanol(GC)	0-0.3 (%)	0.16 %
Sulfate (anhydrous) potency (dry basis)	18-21.5 (%) ≥720 (IU/mg OR I.U./mg)	19.30 % 759.00 IU/mg OR I.U./mg
Appearance (S105491)	White or off-white powder	White or off-white powder
Appearance (solution)	passes test	Passes test
Abnormal toxicity	Conforms	Conforms
Colorimetric test	Conforms	Conforms
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager