

Certificate of Analysis

Date of Testing: 2021-06-22 12:00:19
Date of Next Testing: 2025-06-21 12:00:19
Product Name: **Streptomycin sulfate**
CAS Number: 3810-74-0
Specifications & Purity: 720 I.U./mg
Lot #: F2116369
SKU #: **S105491**
Analysis: **019081**
Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Loss on drying	0-7 (%)	4.40 %
suitability for microbiology	0-3 (%)	1.50 %
Sulfate Ash	0-1 (%)	1.00 %
PH	4.5-7	5.50
Methanol(GC)	0-0.3 (%)	0.09 %
Sulfate (anhydrous) potency (dry basis)	18-21.5 (%) ≥720 (IU/mg OR I.U./mg)	20.80 % 764.00 IU/mg OR I.U./mg
Appearance (S105491)	White or off-white powder	White or off-white powder
Appearance (solution)	passes test	transparent
Abnormal toxicity	Conforms	Conforms
Colorimetric test	Conforms	Conforms
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager