

## Certificate of Analysis

Date of Testing: 2023-07-19 17:52:16  
Date of Next Testing: 2027-07-18 17:52:16  
Product Name: **Streptomycin sulfate**  
CAS Number: 3810-74-0  
Specifications & Purity: 720 I.U./mg  
Lot #: G23131236  
SKU #: **S105491**  
**Analysis:** **248807**  
Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Loss on drying	0-7 (%)	4.40 %
suitability for microbiology	0-3 (%)	0.25 %
Sulfate Ash	0-1 (%)	0.39 %
PH	4.5-7	5.50
Methanol(GC)	0-0.3 (%)	0.12 %
Sulfate (anhydrous)	18-21.5 (%)	20.30 %
potency (dry basis)	≥720 (IU/mg OR I.U./mg)	760.00 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