

## Certificate of Analysis

Date of Testing: 2022-08-15 18:59:15  
Date of Next Testing: 2026-08-14 18:59:15  
Product Name: **Streptomycin sulfate**  
CAS Number: 3810-74-0  
Specifications & Purity: 720 I.U./mg  
Lot #: H2209633  
SKU #: **S105491**  
**Analysis: 116421**  
Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Loss on drying	0-7 (%)	4.40 %
suitability for microbiology	0-3 (%)	1.90 %
PH	4.5-7	5.50
Methanol(GC)	0-0.3 (%)	0.16 %
Sulfate (anhydrous)	18-21.5 (%)	19.00 %
potency (dry basis)	≥720 (IU/mg OR I.U./mg)	765.00 IU/mg OR I.U./mg
Sulfate Ash	0-1 (%)	0.50 %
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