

Certificate of Analysis

Date of Testing: 2025-01-14 13:33:05

Date of Next Testing: 2029-01-13 13:33:05

Product Name: **Streptomycin sulfate**

CAS Number: 3810-74-0

Specifications & Purity: 720 I.U./mg

Lot #: A2508345

SKU #: **S105491**

Version: **0**

Analysis #: **452478**

Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Loss on drying	0-7 (%)	6.00 %
PH	4.5-7	5.60
Sulfate (anhydrous)	18-21.5 (%)	19.00 %
potency (dry basis)	≥720 (IU/mg OR I.U./mg)	768.00 IU/mg OR I.U./mg
suitability for microbiology	0-3 (%)	0.30 %
Sulfate Ash	0-1 (%)	0.98 %
Methanol(GC)	0-0.3 (%)	0.25 %
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