

Certificate of Analysis

Date of Testing: 2023-01-09 11:22:37
Date of Next Testing: 2027-01-08 11:22:37
Product Name: **Streptomycin sulfate**
CAS Number: 3810-74-0
Specifications & Purity: 720 I.U./mg
Lot #: A2303545
SKU #: **S105491**
Analysis: **158817**
Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Loss on drying	0-7 (%)	4.50 %
suitability for microbiology	0-3 (%)	1.30 %
PH	4.5-7	5.50
Methanol(GC)	0-0.3 (%)	0.20 %
Sulfate (anhydrous)	18-21.5 (%)	19.30 %
potency (dry basis)	≥720 (IU/mg OR I.U./mg)	766.00 IU/mg OR I.U./mg
Sulfate Ash	0-1 (%)	0.98 %
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



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QA & QC Manager