

## Certificate of Analysis

Date of Testing: 2023-07-19 17:46:18

Date of Next Testing: 2027-07-18 17:46:18

Product Name: **Streptomycin sulfate**

CAS Number: 3810-74-0

Specifications & Purity: 720 I.U./mg

Lot #: G23131273

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) potency (dry basis)	18-21.5 (%)	20.30 %
Appearance (S105491)	≥720 (IU/mg OR I.U./mg)	760.00 IU/mg OR I.U./mg
Appearance (solution)	White or off-white powder	White or off-white powder
Abnormal toxicity	passes test	Passes test
Colorimetric test	Conforms	Conforms
Infrared spectrum	Conforms	Conforms
	Conforms to Structure	Conforms to Structure



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QA & QC Manager