

Certificate of Analysis

Date of Testing: 2024-01-03 11:39:28

Date of Next Testing: 2028-01-02 11:39:28

Product Name: **Neomycin sulfate**

CAS Number: 1405-10-3

Specifications & Purity: USP grade,600 I.U./mg

Lot #: L2325162

SKU #: **N109017**

Version: **0**

Analysis #: **299274**

Storage Temperature: Store at 2-8°C,Argon charged

Parameter	Limit Values	Result
Sulfate Ash	0-1 (%)	0.32 %
Specific Rotation [α] _{20/D} (c=10 in H ₂ O)(dry basis)	53.5-60 (°)	54.92°
PH(3.3%; in Water)	5-7.5	6.83
Loss on drying	0-8 (%)	3.88 %
potency (dry basis)	≥600 (IU/mg OR I.U./mg)	663.00 IU/mg OR I.U./mg
Appearance (N109017)	White or light yellow powder	White or light yellow powder
Identification	pass	Pass
Related substances	Pass	Pass
Solubility in H ₂ O , Colorless to Yellow,Clear to Slightly Hazy(50mg/ml	pass	Pass



John Su
QA & QC Manager