

Certificate of Analysis

Date of Testing: 2022-12-13 13:48:42

Date of Next Testing: 2026-12-12 13:48:42

Product Name: **Neomycin sulfate**

CAS Number: 1405-10-3

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

Lot #: L2212285

SKU #: **N109017**

Analysis: **167515**

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

Parameter	Limit Values	Result
potency (dry basis)	≥600 (IU/mg OR I.U./mg)	671.00 IU/mg OR I.U./mg
Sulfate Ash	0-1 (%)	0.49 %
Specific Rotation [α] ₂₀ /D(c=10 in H ₂ O)(dry basis)	53.5-60 (°)	55.13 °
PH(3.3%; in Water)	5-7.5	6.75
Loss on drying	0-8 (%)	3.82 %
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