

Certificate of Analysis

Date of Testing: 2023-04-13 10:28:47

Date of Next Testing: 2027-04-12 10:28:47

Product Name: **Neomycin sulfate**

CAS Number: 1405-10-3

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

Lot #: D2306594

SKU #: **N109017**

Analysis: **193844**

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

Parameter	Limit Values	Result
Sulfate Ash	0-1 (%)	0.25 %
Specific Rotation $[\alpha]_{20/D}(c=10 \text{ in H}_2\text{O})(\text{dry basis})$	53.5-60 (°)	53.95°
PH(3.3%; in Water)	5-7.5	6.67
Loss on drying	0-8 (%)	0.38 %
potency (dry basis)	≥600 (IU/mg OR I.U./mg)	646.00 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