

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-04-13 10:46:09  
 Date of Next Testing: 2027-04-12 10:46:09  
 Product Name: **Neomycin sulfate**  
 CAS Number: 1405-10-3  
 Specifications & Purity: USP grade,600 I.U./mg  
 Lot #: D2306728  
 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 [α] <sub>20</sub> /D(c=10 in H <sub>2</sub> O)(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 <sub>2</sub> O , Colorless to Yellow,Clear to Slightly Hazy(50mg/ml)	pass	Pass



John Su  
QA & QC Manager