

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-12-02 09:50:55  
Date of Next Testing: 2025-12-01 09:50:55  
Product Name: **Neomycin sulfate**  
CAS Number: 1405-10-3  
Specifications & Purity: 97%  
Lot #: K2228607  
SKU #: **N412785**  
**Analysis: 118815**  
Storage Temperature: Protected from light,Store at -20°C,Argon charged

Parameter	Limit Values	Result
Carbon by Elemental Analysis(anhydrous)	29.45-31.28 (%)	29.46 %
Nitrogen by Elemental Analysis (anhydrous)	8.96-9.52 (%)	8.98 %
Loss on drying	0-8 (%)	4.34 %
Specific Rotation $[\alpha]_{20/D}(c=10 \text{ in H}_2\text{O})(\text{dry basis})$	53.5-60 (°)	53.51°
Appearance(N412785)	White or light yellow powder	White or light yellow powder
Proton NMR spectrum	Conforms to structure	Conforms to Structure



John Su  
QA & QC Manager