

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-10-23 10:50:22
Date of Next Testing: 2028-10-22 10:50:22
Product Name: **Neomycin sulfate**
CAS Number: 1405-10-3
Specifications & Purity: $\geq 97\%$
Lot #: A2304108
SKU #: **N412785**
Version: **2**
Analysis #: **591085**
Storage Temperature: Protected from light, Store at -20°C , Argon charged

Parameter	Limit Values	Result
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 ($^{\circ}$)	53.51 $^{\circ}$
Carbon by Elemental Analysis(anhydrous)	29.45-31.28 (%)	29.45 %
Nitrogen by Elemental Analysis (anhydrous)	8.96-9.52 (%)	8.98 %
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