

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-02-21 11:56:05
 Date of Next Testing: 2028-02-21 11:56:05
 Product Name: **Neomycin sulfate**
 CAS Number: 1405-10-3
 Specifications & Purity: $\geq 97\%$
 Lot #: B2520385
 SKU #: **N412785**
 Version: **2**
 Analysis #: **457040**
 Storage Temperature: Protected from light, Store at -20°C , Argon charged

Parameter	Limit Values	Result
Loss on drying	0-8 (%)	6.10784 %
Specific Rotation $[\alpha]_{20/D}(c=10 \text{ in H}_2\text{O})(\text{dry basis})$	53.5-60 (°)	55.41300 °
Carbon by Elemental Analysis(anhydrous)	29.45-31.28 (%)	31.25000 %
Nitrogen by Elemental Analysis (anhydrous)	8.96-9.52 (%)	9.33000 %
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