

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-09-28 11:14:06

Date of Next Testing: 2027-09-28 11:14:06

Product Name: **Neomycin sulfate**

CAS Number: 1405-10-3

Specifications & Purity: $\geq 97\%$

Lot #: I2420726

SKU # **N412785**

Version **2**

Analysis #: **408676**

Storage Temperature: Protected from light, Store at -20°C, Argon charged

Parameter	Limit Values	Result
Loss on drying	0-8 (%)	2.27180 %
Specific Rotation $[\alpha]_{20/D}(c=10 \text{ in H}_2\text{O})(\text{dry basis})$	53.5-60 (°)	53.51000 °
Carbon by Elemental Analysis(anhydrous)	29.45-31.28 (%)	29.45100 %
Nitrogen by Elemental Analysis (anhydrous)	8.96-9.52 (%)	8.96100 %
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