

Certificate of Analysis

Date of Testing: 2024-06-21 13:20:44
Date of Next Testing: 2027-06-21 13:20:44
Product Name: **Neomycin sulfate**
CAS Number: 1405-10-3
Specifications & Purity: 97%
Lot #: F2417344
SKU #: **N412785**
Version: **2**
Analysis #: **359655**
Storage Temperature: Protected from light, Store at -20°C, Argon charged

Parameter	Limit Values	Result
Loss on drying	0-8 (%)	1.88 %
Specific Rotation [α] ₂₀ /D(c=10 in H ₂ O)(dry basis)	53.5-60 (°)	55.08°
Carbon by Elemental Analysis(anhydrous)	29.45-31.28 (%)	29.45 %
Nitrogen by Elemental Analysis (anhydrous)	8.96-9.52 (%)	8.96 %
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