

Certificate of Analysis

Date of Testing: 2024-06-21 14:01:10
Date of Next Testing: 2027-06-21 14:01:10
Product Name: **Neomycin sulfate**
CAS Number: 1405-10-3
Specifications & Purity: 97%
Lot #: F2417342
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 [a] _D 20 (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 |



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QA & QC Manager