

## Certificate of Analysis

Date of Testing: 2025-03-13 11:20:52

Date of Next Testing: 2027-03-03 11:20:52

Product Name: **Neomycin sulfate**

CAS Number: 1405-10-3

Specifications & Purity: analytical standard

Lot #: F2301733

SKU #: **N109019**

Version: **0**

Analysis #: **480548**

Storage Temperature: Store at 2-8°C

| Parameter                                                                                | Limit Values           | Result                 |
|------------------------------------------------------------------------------------------|------------------------|------------------------|
| Specific Rotation $[\alpha]_{20/D}(c=10 \text{ in H}_2\text{O})(\text{dry basis})$       | 53.5-60 (°)            | 53.71°                 |
| Purity(HPLC)                                                                             | 98-100 (%)             | 99.99000 %             |
| Appearance (N109019)                                                                     | White to Yellow Powder | White to Yellow Powder |
| Proton NMR spectrum                                                                      | Conforms to Structure  | Conforms to Structure  |
| Solubility in H <sub>2</sub> O , Colorless to Yellow,Clear to Slightly Hazy(50mg/ml pass |                        | Pass                   |



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