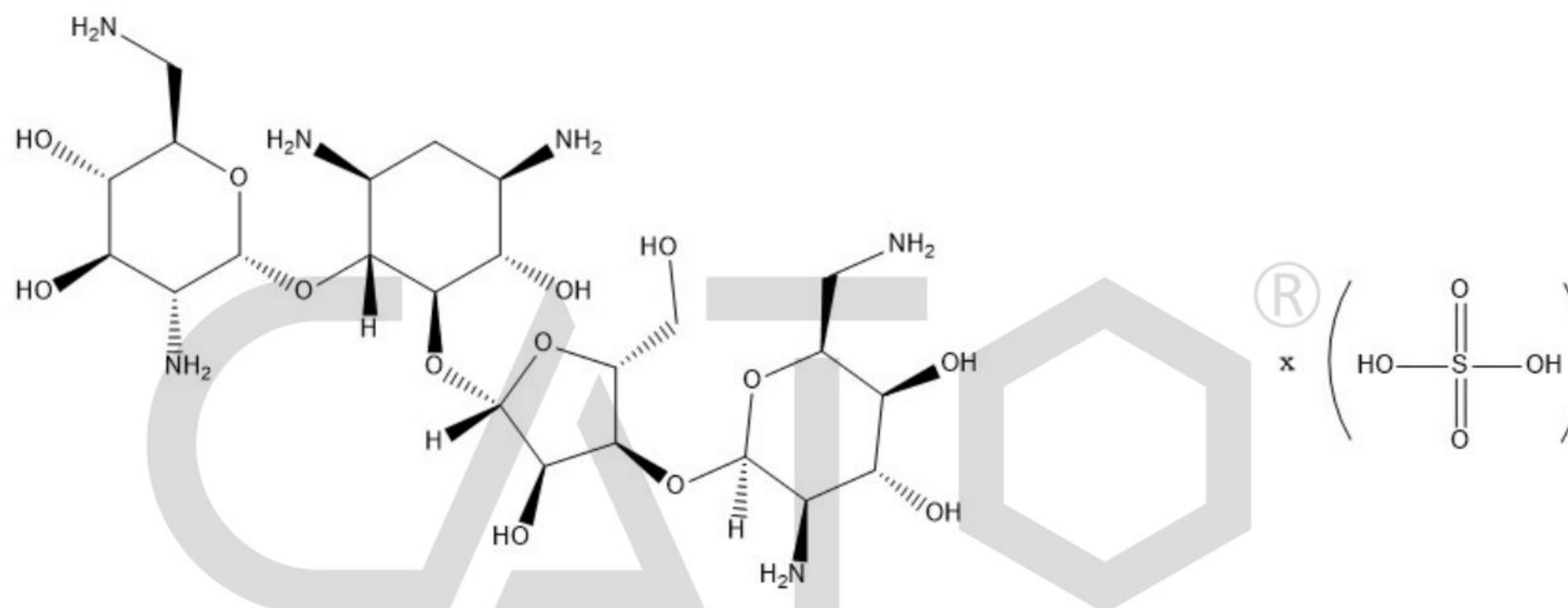


# Certificate of Analysis

## Reference Material & Standard

|                           |                                        |                            |                                             |
|---------------------------|----------------------------------------|----------------------------|---------------------------------------------|
| <b>Product Name:</b>      | Neomycin B Sulfate                     | <b>Catalogue Number:</b>   | C4X-184519                                  |
| <b>Synonyms:</b>          | N/A                                    | <b>Lot Number:</b>         | 0330-RH-0200                                |
| <b>CAS Number:</b>        | 28002-70-2                             | <b>Expiry Date:</b>        | Mar 31, 2030                                |
| <b>Molecular Formula:</b> | $C_{23}H_{46}N_6O_{13} \cdot xH_2O_4S$ | <b>Storage:</b>            | -20°C ± 5°C Protected from light and Sealed |
| <b>Molecular Weight:</b>  | 614.64 x 98.08                         | <b>Shipping Condition:</b> | Shipping with Ice Packs                     |

### Chemical Structure:



| Test Items     | Method            | Results     |
|----------------|-------------------|-------------|
| Appearance     | Visual inspection | White Solid |
| Identification | LCMS&HNMR         | Confirmed   |
| Purity         | ELSD              | 99.86%      |
| Loss on Drying | TGA               | 8.3653%     |
| Assay          |                   | 91.5%       |

### Comment:

The calculation of the mass balance method follows the formula (calculated on the non-dried basis):

$Assay (\%) = (100\% - Loss\ on\ Drying) * Purity\ ELSD (\%) / 100\%$

Loss on Drying is considered as absolute effect, ELSD purity is considered as relative effect.

### Signature:

Prepared by:

*Koi*

Reviewed by:

*Lisa*

Approved by General Manager:

*David*

Date: Apr 01, 2026

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Add: 3rd Floor, Building B, No.179, Guangpu Rd East, Huangpu District, Guangzhou, China

Tel: +86-20-81960175

Email: [supports@cato-chem.com](mailto:supports@cato-chem.com)

Web: <https://www.cato-chem.com>

