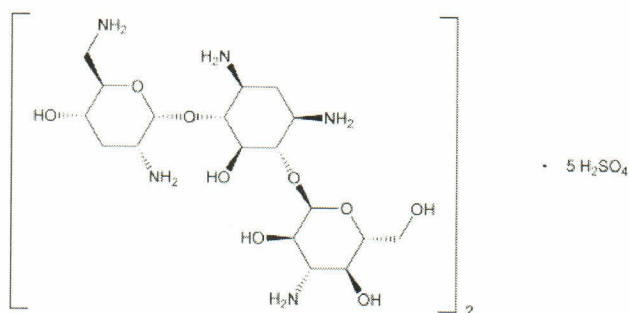


Batch no 260306-88  
Mf date Mar 08 2026  
Retest Mar 07 2030

Molecular Structure



Molecular Formula  $(C_{18}H_{37}N_5O_9)_2 \cdot 5H_2SO_4$

Molecular Weight 1425.42

CAS Registry Number 79645-27-5

May 11 2026

| Tests                  | Specifications                                | Results      |
|------------------------|-----------------------------------------------|--------------|
| Appearance             | White or almost white powder                  | Conforms     |
| Identification         | TLC, HPLC & sulfate test                      | Positive     |
| pH                     | 6.0 ~ 8.0                                     | 7.4          |
| Water                  | ≤ 2.0%                                        | 1.75%        |
| Residue on ignition    | ≤ 1.0%                                        | 0.21%        |
| Heavy metals           | ≤ 30 ppm                                      | < 30 ppm     |
| Chromatographic purity | ≤ 1.0%                                        | < 1.0%       |
| Residual solvents      | Ethanol ≤ 5000 ppm<br>Acetaldehyde ≤ 1250 ppm | ND<br>62 ppm |
| Sterility              | Meets the requirements                        | Conforms     |
| Assay                  | 634 ~ 739 ug/mg                               | 692 ug/mg    |

|                     |                              |
|---------------------|------------------------------|
| Packaging & storage | Preserve in tight containers |
| Conclusion          | Material complies with USP43 |