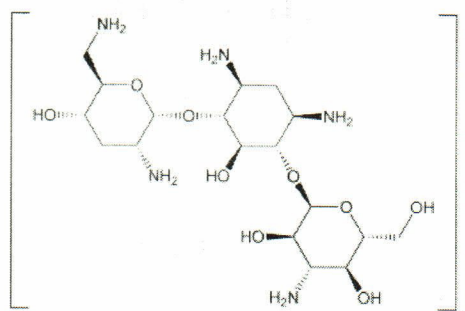


Batch no 202508512-95
Mf date Aug 14 2025
Retest Aug 13 2029

Molecular Structure



Molecular Formula $(C_{18}H_{37}N_5O_9) \cdot 2 \cdot 5H_2SO_4$

Molecular Weight 1425.42

CAS Registry Number 79645-27-5

Nov 04 2025

Tests	Specifications	Results
Appearance	White or almost white powder	Conforms
Identification	TLC, HPLC & sulfate test	Positive
pH	6.0 ~ 8.0	7.3
Water	≤ 2.0%	1.71%
Residue on ignition	≤ 1.0%	0.21%
Heavy metals	≤ 30 ppm	< 30 ppm
Chromatographic purity	≤ 1.0%	< 1.0%
Residual solvents	Ethanol ≤ 5000 ppm Acetaldehyde ≤ 1250 ppm	ND 55 ppm
Sterility	Meets the requirements	Conforms
Assay	634 ~ 739 ug/mg	695 ug/mg

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