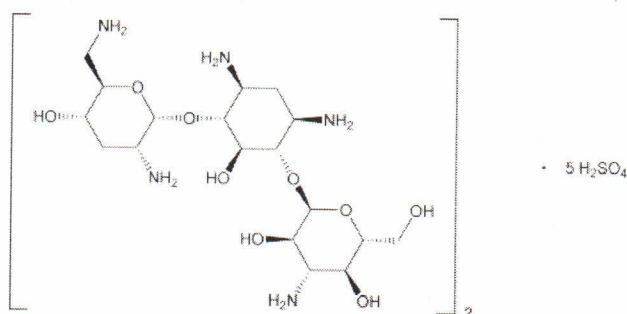


Batch no 20250303-6
Mf date Mar 05 2025
Retest Mar 04 2029

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

Apr 07 2025

Tests	Specifications	Results
Appearance	White or almost white powder	Conforms
Identification	TLC, HPLC & sulfate test	Positive
pH	6.0 ~ 8.0	7.5
Water	$\leq 2.0\%$	1.72%
Residue on ignition	$\leq 1.0\%$	0.17%
Heavy metals	≤ 30 ppm	< 30 ppm
Chromatographic purity	$\leq 1.0\%$	$< 1.0\%$
Residual solvents	Ethanol ≤ 5000 ppm Acetaldehyde ≤ 1250 ppm	ND 55 ppm
Sterility	Meets the requirements	Conforms
Assay	634 ~ 739 ug/mg	691 ug/mg

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