

Kanamycin Sulfate (i88037)

This bactericidal antibiotic has a broad-spectrum of activity against Gram-positive and Gram-negative bacteria.

CAS Number	25389-94-0	EC Number	246-933-9
Formula	C ₁₈ H ₃₈ N ₄ O ₁₅ S	Molecular Weight	582.58 g/mol
Expiration Date*	1 Year		

*The expiration date of a standard is defined as the amount of time that it should remain in use after opening depending on the standard condition

Storage Keep container tightly closed in a dry, cool and well-ventilated place. Protected from light.

Test	Specification
Appearance	White crystalline powder
pH	6.5 to 8.5 (1 % in water)
Density	no data available
Melting point	250°C
Solubility in water	10 g/l (25°C)
Sodium Hydroxide Titration (0.1 mol/L)	Min. 95.0 %
Water Content	Max. 4.0 %
FT-IR Spectrum	Conforms to Standards