

Certificate of Analysis

Kanamycin Sulfate

Catalog No.: i88037

Lot No.: -

CAS No.: 25389-94-0

EC No.: 246-933-9

Formula: $C_{18}H_{38}N_4O_{15}S$

Molecular Weight: 582.58 g/mol

Shelf life: -

Expiration Date*: 1 Year

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

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

QC Department

*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.