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Specification

Product	Kanamycin sulfate for biochemistry
Product number	1162
Synonyms (revised)	Kanamycin A, Kanamycin sulfate salt
Formula	$C_{18}H_{36}N_4O_{11} \cdot H_2SO_4$
Molecular weight	582.58 g/mol
CAS number	25389-94-0
Storage	2 - 8°C
Retest period (months)	36
Parameter	Specification
Assay	≥ 750 I.U./mg
Appearance	white to off-white crystalline powder
Specific rotation (revised)	+112° - +123°
pH (1 % in water, 20°C)	6.5 - 8.5
Loss on drying (60°C)	≤ 1.5 %
Kanamycin B	≤ 4 %

Einhausen, 06.06.2024