

Specification

Kanamycin Sulfate (Ph. Eur., BP) pure, pharma grade

A4789

Synonym	Kanamycin
	We herewith confirm that this product meets the requirements of the European Pharmacopoeia (Ph.Eur. 8.0) and the British Pharmacopoeia (BP 2014).
state of matter	Solid
Formula	$C_{18}H_{36}N_4O_{11} \cdot H_2SO_4$
M	582.58 g/mol
CAS-No.:	25389-94-0
HS-No.:	29419000
Storage:	RT
LGK:	6.1 D
Hazard pictogram(s)	
Hazard statement(s)	H360
Precautionary statement(s)	P201-P308+P313
Signal word	Danger
R:	61
S:	53-36/37/39-45
	toxic
Specification	
Assay (dried subst.)	min. 750 I.U./mg
α20°C/D; 1 %, H₂O, dried subst.	+112° - +123°
Abnormal toxicity	passes test
Identity	passes test
pH (1 %; H₂O; 25°C)	6.5 - 8.5
Sulfated ash	max. 0.5 %
Loss on drying (0.67 kPa; 3 h; 60°C)	max. 1.5 %
Kanamycin B	max. 4.0 %
Sulfate (dried subst.)	15.0 - 17.0 %