

Kanamycin sulphate Cell Culture Tested

TC136


Product Identifier

CAS No.	:	25389-94-0
EC No.	:	246-933-9
Molecular Formula	:	$C_{18}H_{36}N_4O_{11} \cdot H_2O_4S$
Molecular Weight	:	582.58
HS Code	:	2941 90 90
Storage	:	2 - 8°C
Shelf life	:	3 years

Technical Specification

Appearance	:	White to off-white hygroscopic crystals or powder
Solubility	:	Clear colorless to faint yellow solution at 5gm in 100ml of water
pH (1% in water at 25°C)	:	6.50 - 8.50
Loss on drying	:	$\leq 4.00\%$ (at 60°C at a pressure not exceeding 5 mm of mercury for 3h)
Specific rotation	:	$+112.00^\circ$ to $+123.00^\circ$ (c = 1% in water at 20°C)
Potency	:	$\geq 750 \mu\text{g/mg}$
Cell Culture Test	:	Passes

Safety Information

Hazard Pictogram(s)	:	
Signal Word	:	Danger
Hazard Statement(s)	:	H360
Precautionary Statement(s)	:	P201- P308 + P313
UN No.	:	Not dangerous goods
Class	:	-
Packing Group	:	-
RTECS	:	NZ3225030
WGK	:	2