Kanamycin sulphate, For Molecular Biology MB105

Product Identifier

CAS No.	:	25389-94-0
EC No.	:	246-933-9
Molecular Formula	:	$C_{18}H_{36}N_4O_{11}.H_2SO_4$
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	:	33.3 mg soluble in 1 mL of water
pH (1% in water at 25°C)	:	6.50 - 8.50
DNases	:	None detected
RNases	:	None detected
Specific rotation	:	+112.00° to +123.00° (c = 1% in water at 20°C)
Potency	:	>= 750 µg/mg
Application	:	Used for selection of Kanamycin resistance genes. Inhibits the growth of cultures that do not possess the resistance genes for Kanamycin.

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	:	1

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