

## Neomycin sulphate, For Molecular Biology

**MB307**


### Product Identifier

CAS No.	:	1405-10-3
EC No.	:	215-773-1
Molecular Formula	:	$C_{23}H_{46}N_6O_{13} \cdot xH_2SO_4$
Molecular Weight	:	615
HS Code	:	2941 90 90
Storage	:	Below 30°C
Shelf life	:	3 years

### Technical Specification

Appearance	:	White to yellow hygroscopic crystals or powder
Solubility	:	100 mg soluble in 1 mL of water
DNases	:	None detected
RNases	:	None detected
pH (1% in water at 25°C)	:	5.00 - 7.50
FTIR	:	Matches with the standard pattern
Specific rotation	:	+53.50° to +59.00° (c = 10% in water at 20°C)
Potency	:	min. 680 µg/mg

### Safety Information

Hazard Pictogram(s)	:	
Signal Word	:	Danger
Hazard Statement(s)	:	H317- H334
Precautionary Statement(s)	:	P261- P280- P304 + P340- P333 + P313- P342 + P311- P501
UN No.	:	Not dangerous goods
Class	:	-
Packing Group	:	-
RTECS	:	Not available
WGK	:	1