

G-418 disulfate salt

CMS5224


Product Identifier

CAS No.	:	108321-42-2
Molecular Formula	:	$C_{20}H_{40}N_4O_{10} \cdot 2H_2SO_4$
Molecular Weight	:	692.71
Synonym	:	Geneticin disulphate
HS Code	:	2941 90 90
Storage	:	2 - 8°C
Shelf life	:	3 years

Technical Specification

Appearance	:	White to off-white powder
Solubility	:	33.3 mg soluble in 1 mL of water
Specific rotation	:	+104.00° to +121.00° (c = 1% in water at 25°C, on anhydrous basis)
Water (K.F.)	:	<= 12.00
Potency	:	min. 650 µg/mg

Safety Information

Hazard Pictogram(s)	:	
Signal Word	:	Danger
Hazard Statement(s)	:	H317- H334
Precautionary Statement(s)	:	P261- P280- P342 + P311
UN No.	:	Not dangerous goods
Class	:	-
Packing Group	:	-
RTECS	:	Not available
WGK	:	3