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## Spectinomycin dihydrochloride pentahydrate, Cell Culture Tested

**TC034**

### Product Identifier

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CAS No.	:	22189-32-8
EC No.	:	244-554-3
Molecular Formula	:	$C_{14}H_{24}N_2O_7 \cdot 2HCl \cdot 5H_2O$
Molecular Weight	:	495.35
HS Code	:	2921 41 90
Storage	:	2 - 8°C
Shelf life	:	3 years

### Technical Specification

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Appearance	:	White to pale buff crystals or powder
Solubility	:	Clear colourless to light yellow solution at 0.5 gm in 100 ml of water
pH (1% in water at 25°C)	:	3.80 - 5.60
Potency	:	min. 603.00 µg/mg
Antibiotic sensitivity	:	Passes
Cell Culture Test	:	Passes

### Safety Information

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UN No.	:	Not dangerous goods
Class	:	-
Packing Group	:	-
RTECS	:	Not available
WGK	:	2