

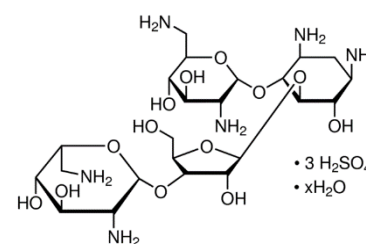


# Product Specification

cdhfinechemical.com

## NEOMYCIN SULPHATE

PRODUCT CODE	044205
SYNONYMS	(Neomycin trisulphate salt hydrate)
C.I. NO.	--
CASR NO.	(1405-10-3)
ATOMIC OR MOLECULAR FORMULA	$C_{23}H_{46}N_6O_{13} \cdot 3H_2SO_4 \cdot xH_2O$
ATOMIC OR MOLECULAR WEIGHT	908.9 (anhy.)
PROPERTIES	Practically insoluble in acetone, ether, chloroform.



PARAMETER	LIMIT
Description	White or yellowish white powder, odourless or almost odourless, hygroscopic.
Solubility	10% solution in water is clear.
pH of 5.0% solution in water.	5.0 - 7.5
Specific rotation ( $\alpha$ ) <sub>D</sub> (C=10, in water) 20°	+ 53° to + 59°
TLC	To pass the test.

### MAXIMUM LIMIT OF IMPURITY

Loss on drying	8.0%
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Note(s) : Assay (if applicable) method mentioned.

#### WARNING

**Hazard statements:** May be harmful if swallowed. May damage fertility.

#### Precautionary statements

**Prevention:** Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Use personal protective equipment as required.

**Response:** If exposed or concerned: Get medical attention advice. IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell\*

IMDG Code : --

UN No. : --

IATA : --

**Disposal:** Dispose of contents and container in accordance with relevant legislation.

Hazard Pictogram(s) :-



GHS08

Replace Date 07/07/2020