

Technical Information

Neomycin Sulphate Plant Culture Tested

Product Information

Product Code	: PCT2111
Product Name	: Neomycin Sulphate, Plant Culture Tested
Molecular Formula	: $C_{23}H_{46}N_6O_{13} \cdot 3H_2SO_4$
Molecular Weight	: 908.88
CAS No.	: 1405-10-3

Technical Specification

Appearance	: White to yellow hygroscopic crystals or crystalline powder.
Solubility	: Freely soluble in water.
pH (3.3% in water at 25°C)	: 5.00 -7.50
Results	: Antimicrobial potency of Neomycin was determined by preparing 30 mcg disc & measuring zone of inhibition of standard organisms on Mueller Hinton Agar After incubation at 35-37°C for 18 hours.
Specific optical rotation (α) ²⁰ _D (c = 10% in water)	: +53.50° to +59.00°
Sulfate (SO ₄)	: 27.0 - 31.0%
Potency	: > = 600 mcg /mg

GHS Safety Information

Hazard Statement(s)	: H317-H334
Precautionary Statement(s)	: P261-P280-P342+P311
Signal Word	: Danger
Hazard Pictogram(s)	



GHS08

Risk And Safety Information

WGK	: 3
RTECS	: QP4375000
Storage Temperature(°C)	: Store below 30°C

Transport Information

Marine Pollutant	: No
ADR/RID	: Not Dangerous Goods
IMDG	: Not Dangerous Goods
IATA	: Not Dangerous Goods



Plant Culture
Tested



Product Specification

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Disclaimer :

- User must ensure suitability of the product(s) in their application prior to use.
- The product conforms solely to the technical information provided in this booklet and to the best of knowledge research and development work carried at **CDH** is true and accurate.
- **Central Drug House Pvt. Ltd.** reserves the right to make changes to specifications and information related to the products at any time.
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- Do not use the products if it fails to meet specifications for identity and performance parameters.