

neoFroxx GmbH

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Specification

Product	Neomycin sulfate for cell biology
Product number	1136
Synonyms	Neomycin trisulfate salt
Formula	$C_{23}H_{46}N_6O_{13} \cdot 3 H_2SO_4$
Molecular weight	908.90 g/mol
CAS number	1405-10-3
Storage	2-8°C
Retest period (months)	36
Parameter	Specification
Activity	>= 600 IU/mg
Endotoxin	passes test
Appearance	slightly yellow to white crystalline powder
Specific rotation	+53° to +59°
pH (1 % in water, 20°C)	5 - 7.5
Residue on ignition (Ash)	<= 1 %
Water	<= 8 %

Einhausen, 27.10.2025