

neoFroxx GmbH

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Specification

Product	Neomycin sulfate for cell biology
Brand	BioFroxx

Product number	1136 (revised)
Synonym(s)	Neomycin trisulfate salt
Formula	$C_{23}H_{46}N_6O_{13} \cdot 3H_2SO_4$
Molecular weight	908.90 g/mol
CAS number	1405-10-3
Storage	2 - 8°C
Retest period (months)	36

Parameter	Specification
Activity	min. 600 I.U./mg (revised)
Pyrogen test	passes test
Appearance	slightly yellow to white crystalline powder
a20°C/D; 10 % in water	+53° to +59°
pH (1 % in water; 20°C)	5.0 - 7.5
Sulfated ash	max. 1 %
Water	max. 8 %

Einhausen, 11.10.2022 (revised)