

neoFroxx GmbH

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Specification

Product	Gentamycin sulfate for biochemistry
Brand	BioFroxx

Product number	1453
Synonym(s)	Gentamicin sulfate
Formula	$C_{19}^{21}H_{39}^{43}N_5O_7 \cdot 2.5 H_2SO_4$
Molecular weight	694.75 - 723.75 g/mol
CAS number	1405-41-0
Storage	below 25°C
Retest period (months)	36

Parameter	Specification
Activity (anhydr. subst.)	ca. 600 I.E./mg
Appearance	white to off-white powder
$\alpha_{20^\circ C/D}$; 10 % in water	+107° to +121°
pH (4 % in water)	3.5 - 5.5
Water (K.F.)	max. 15 %
Sulfate	32 - 35 %

Einhausen, 06.02.2020