

neoFroxx GmbH

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Specification

Product	L-Lysine hydrochloride for biochemistry
Brand	BioFroxx
Product number	1597
Synonym(s)	L-2,6-Diamino-n-hexanoic acid monohydrochloride, 2,6-Diaminocaproic acid monohydrochloride, 2,6-Diaminohexanoic acid monohydrochloride, Lys-HCl
Formula	$C_6H_{14}N_2O_2 \cdot HCl$
Molecular weight	182.65 g/mol
CAS number	657-27-2
Storage	below 25°C
Retest period (months)	48
All amino acids from neoFroxx are of non-animal origin!	
Parameter	Specification
Assay (titr.)	min. 99.0 %
Appearance	white powder
Solubility (25°C in water)	420 g/l
α 20°C/D; 8 % in 6 M HCl	+21.0 to +21.4°
Heavy metals (as Pb)	max. 0.001 %
Insoluble matter	passes test
Other amino acids	max. 0.5 %
Ammonium	max. 0.1 %
Sulfate	max. 0.02 %
Melting range	264 - 265°C (dec.)
A (1 cm/0.5 M in water)	
260 nm	max. 0.1
280 nm	max. 0.1

Einhausen, 14.05.2020