

**neoFroxx GmbH**

Marie-Curie-Str. 3  
64683 Einhausen  
+49 6251 989 240  
coa@neofroxx.com  
www.neofroxx.com

## Specification

Product	L-Lysine hydrochloride for biochemistry
Product number	1597
Synonyms	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.)	>= 99 %
Appearance	white powder
Solubility	420 g/l
Specific rotation	+21.0° - +21.4°
Heavy metals (Pb)	<= 0.001 %
Insoluble matter	passes test
Other amino acids	<= 0.5 %
Ammonium (NH <sub>4</sub> )	<= 0.1 %
Sulfate (SO <sub>4</sub> )	<= 0.02 %
Melting range	264 - 265°C
Absorbance (0.5 M in water)	
260 nm	<= 0.1
280 nm	<= 0.1

Einhausen, 27.06.2024