

neoFroxx GmbH

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Specification

Product	L-Lysine monohydrochloride for cell biology
Product number	1216
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
Appearance	99.0 - 101.0 %
Identity (IR)	complies
Loss on drying	<= 0.4 %
Specific rotation	+20.7° - +21.5°
Other amino acids	<= 1 %
Ammonium (NH ₄)	<= 0.02 %
Chloride (Cl)	19.1 - 19.5 %
Sulfate (SO ₄)	<= 0.02 %
Arsenic (As)	<= 0.0001 %
Iron (Fe)	<= 0.001 %
Heavy metals (Pb)	<= 0.0005 %
Endotoxin	complies

Einhausen, 15.10.2024