

Specification

Item number: 9357

L-Lysine hydrochloride

≥98,5 %, USP, for biochemistry

CAS No.: 657-27-2

print date: 01.01.2024

formula: $C_6H_{15}ClN_2O_2$

density: 1,28

molecular weight: 182,65 g/mol

Guarantee analysis

Appearance	white to off-white crystalline powder
Assay (dry substance)	98,5-101,5 %
Identity	complies
Specific rotation $[\alpha]_D^{25}$ (8 % in HCl 6 N)	20,4-21,4 °
Chloride (Cl)	19,0-19,6%
Sulphate (SO₄)	≤0,03 %
Iron (Fe)	≤0,003 %
Heavy metals (as Pb)	≤0,002 %
Foreign amino acids	≤0,5 %
Related substances (total)	≤2,0 %
Loss on drying (3 h, 105 °C)	≤0,4 %
Sulphated ash	≤0,1 %

Our products are tested for laboratory use only.

The stated information refers to the current status of product quality.

We reserve the right to implement necessary changes.

Dr. R. Niemand

Head of Quality Assurance

S. Lorsee

Head of Quality Management

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