

Specification

Item number: 3984

L-Leucine

≥98,5 %, Ph. Eur., for biochemistry

CAS No.: 61-90-5

print date: 01.01.2024

formula: $C_6H_{13}NO_2$

density: 1,29

molecular weight: 131,18 g/mol

Guarantee analysis

Appearance	white cryst. powder
Assay (dry substance)	98.5-101.0 %
Identity	complies
Specific rotation $[\alpha]_D^{20}$	+14.5° to +16.5°
Sulphated ash	≤0.1 %
Loss on drying	≤0.5 %
Ammonium (NH₄)	≤0.02 %
Iron (Fe)	≤0.001 %
Chloride (Cl)	≤0.02 %
Sulphate (SO₄)	≤0.03 %
Impurity A	≤0,8 %
Ninhydrin-positive substances	≤0,2 %
Sum of all impurities	≤1,0 %

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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