

Specification

Item number: 4682

L-Serine

≥98,5 %, Ph. Eur.

CAS No.: 56-45-1

print date: 01.01.2024

formula: $C_3H_7NO_3$

density:

molecular weight: 105,09 g/mol

Guarantee analysis

Appearance	white, cryst. powder
Assay (dry substance)	98.5-101.0 %
Identity	complies
Appearance of solution	complies
Specific rotation $[\alpha]_D^{20}$	+14.0° to +16.0°
Ammonium (NH ₄)	≤0.02 %
Chloride (Cl)	≤0.02 %
Sulphate (SO ₄)	≤0.03 %
Iron (Fe)	≤0.001 %
Heavy metals (as Pb)	≤0.001 %
Foreign amino acids	complies
Loss on drying	≤0.5 %
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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Die Firma ist eine Kommanditgesellschaft mit Sitz in Karlsruhe, Reg. Gericht Mannheim HRA 100055. Persönlich haftende Gesellschafterin ist die Firma Roth Chemie GmbH mit Sitz in Karlsruhe, Reg. Gericht Mannheim HRB 100428. Geschäftsführer: André Houdelet

