

Specification

Item number: T873

Glycine

≥98,5 %, Ph. Eur., USP, JP

CAS No.: 56-40-6

print date: 01.01.2024

formula: $C_2H_5NO_2$

density: 1,16

molecular weight: 75,07 g/mol

Guarantee analysis

Assay (Perchl. based on dry substance)	98.5-101.0 %
Identity	complies
Appearance of solution	clear, colourless
pH-value (5 % solution)	5.9-6.3
Ammonium (NH₄)	≤0.02 %
Chloride (Cl)	≤0.007 %
Sulphate (SO₄)	≤0.006 %
Arsenic (As)	≤0.0001 %
Heavy metals (as Pb)	≤0.001 %
Loss on drying (105 °C)	≤0.2 %
Ash content (as SO₄)	≤0.1 %
Hydrolizable substances	complies
Ninhydrin-positive substances	complies
Residual solvents	complies

Related Substances:

Related substances (impurity B)	≤0,1 %
Related substances (impurity H)	≤0,1 %
Related substances (impurity I)	≤0,1 %
Related substances (unspecific impurities)	≤0,1 %
Related substances (total)	≤0,2 %

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

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Head of Quality Management

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