

Specification

Item number: 0035

Guanidine hydrochloride

≥99,7 %, p.a., protein Grade

CAS No.: 50-01-1

print date: 01.01.2024

formula: $\text{CH}_5\text{N}_3 \cdot \text{HCl}$

density: 1,34

molecular weight: 95,53 g/mol

Guarantee analysis

Assay	≥99.7 %
Appearance of solution (50 % solution)	clear, colourless
Dicyandiamide	≤0.01 %
Ammonium (NH₄)	≤0.01 %
Iron (Fe)	≤0.0001 %
Melamin	≤0.01 %
Water	≤0.2 %
Melting point	185-188 °C
pH value (6 M, 50 % sol.)	4.5-7.0
DNase	none detected
RNase	none detected
Protease	none detected

Absorbance:

230 nm	≤0.15
260 nm	≤0.03
280 nm	≤0.015

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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