

Specification

Item number: 0017

Guanidine thiocyanate

≥99 %, for biochemistry

CAS No.: 593-84-0

print date: 01.01.2024

formula: $C_2H_6N_4S$

density: 1,29

molecular weight: 118,16 g/mol

Type analysis

Appearance	colourless crystals
Appearance (33 %, water)	colourless, clear
Assay	≥99.0 %
Melting point	118-121 °C
Water	≤0.3 %
Iron (Fe)	≤0.0001 %
Heavy metals	≤0.001 %
pH-value (1M, H₂O)	5.0-7.0

Absorbance:

280 nm	≤0.40
300 nm	≤0.05

Stock solution: 4 M or 8 M in water. Storage of stock solution: +4 °C. Working concentration: 4 M in hydrous buffer system (e.g. 25 mM sodium citrate, 0,5 % SDS)

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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