

Specification

Item number: 0017

Guanidine thiocyanate

≥99 %, for biochemistry

CAS No.: 593-84-0

print date: 01.01.2025

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

S. Lorsee

Head of Quality Management

This document is computer printout and has therefore not been signed by hand.

Carl Roth GmbH + Co. KG
Schoemperlenstraße 3-5
76185 Karlsruhe

Telefon 0721/5606-0
Telefax 0721/5606-149
E-Mail: info@carlroth.de

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

