

Specification

Item number: 1AN7

Guanidine thiocyanate

≥99,5 %, p.a., Protein Grade

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	white crystals
Assay	≥99.5 %
Ammonium (NH₄⁺)	≤0.2 %
Water	≤0.5 %
Ash	≤0.5 %
Melting point	118-121 °C
pH-value (1M, H₂O)	5-7
Cd (Cadmium)	≤0.0005 %
Co (Cobalt)	≤0.0005 %
Cr (Chrom)	≤0.0005 %
Cu (Copper)	≤0.0005 %
Fe (Iron)	≤0.0005 %
Mg (Magnesium)	≤0.0005 %
Mn (Manganese)	≤0.0005 %
Ni (Nickel)	≤0.0005 %
Pb (Lead)	≤0.0005 %
DNases, RNases, Protease	none detected

Absorbance:

280 nm	≤0.6
300 nm	≤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

S. Lorsee
Head of Quality Management

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