

Product Datasheet

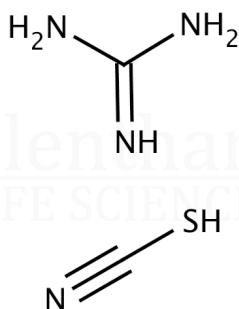
GE1849 - Guanidine thiocyanate solution, 4M in water

Product Details

Product Name	Guanidine thiocyanate solution, 4M in water
Glentham Code	GE1849
CAS Number	593-84-0
EINECS	209-812-1
MDL-Nummer	MFCD00013027
Zusätzliche CAS	113-00-8
Related Categories	Biochemicals, Nucleosides & Nucleotides, Raw Materials (IVD), Thiocyanates, PCR, Reagents for Northern and Southern Blotting, COVID-19 Research & Diagnostics

Structure

Molecular Weight	: 118.16
Molecular Formula	: $\text{CH}_5\text{N}_3\text{HSCN}$



CLP Classification

Acute Tox. 4, Acute Tox. 4,
Aquatic Chronic 3, Skin
Corr. 1C

Signal Word

Gefahr

Hazard Codes

H332, H302, H412, H314

Precautionary Codes

P304+P340, P273, P280,
P301+P330+P331,
P305+P351+P338,
P303+P361+P353

EUH Codes

EUH032

Pictograms



UN Number, Class, PG (RID)

UN1760 - 8 - PG III

Glentham Product Specification

Physical Description	: Clear, colourless liquid
pH	: 4 - 6
Refractive Index (20°C)	: 1.410 - 1.450
Concentration	: 3.8 - 4.2 M
Version	: v1.0

About Guanidine thiocyanate solution, 4M in water

Guanidine thiocyanate is a chaotropic agent, protein denaturant and protector of DNA and RNA. The thiocyanate has an enzyme (nuclease) inhibiting function which, combined with its ability to protect nucleic acids, makes it useful in the study of DNA and RNA. It can be used to deactivate viruses so that they can be studied safely. It is used in PCR, Northern and Southern blotting.

Storage

Recommended storage temperature: +20°C.

Hazards and Transport

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