

3050 Spruce Street, Saint Louis, MO 63103, USA

Website: www.sigmaaldrich.com

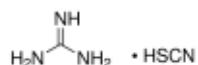
Email USA: techserv@sial.com

Outside USA: eurtechserv@sial.com

Product Specification

Product Name:
Guanidine thiocyanate - for molecular biology, ≥99%

Product Number: **G9277**
CAS Number: 593-84-0
MDL: MFCD00013027
Formula: CH₅N₃ · CHNS
Formula Weight: 118.16 g/mol



TEST	Specification
Solubility (Color)	Colorless
Solubility (Turbidity) 100mg/ml H ₂ O	Clear
Appearance (Color)	Colorless or White
Appearance (Form) Fine crystals to crystals	Powder or Crystals
Purity Titration by AgNO ₃	≥ 99 %
Infrared spectrum	Conforms to Structure
Barium < = 5 ppm	Conforms
Iron (Fe) < = 5ppm	Conforms
Potassium (K) < = 0.005%	Conforms
Sodium (Na) < = 0.5%	Conforms
Heavy Metals (as Lead)	< = 5 ppm
DNase and RNase	None Detected

Specification: PRD.0.ZQ5.10000098466

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at Sigma-Aldrich.com. For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.