

Product Specifications



SCIENTIFIC

800-253-4942 • IBISCI.com

An ISO 9001 Certified Company

GUANIDINE THIOCYANATE

Product Number

IB05100

Size

500gm

CAS NO.

CAS#

593-84-0

PHYSICAL SPECIFICATIONS

Molecular Formula	CH ₅ N ₃ -CHNS
Molecular Weight	118.16
Purity	Min. 99.0%
Melting Point	118 - 121°C
Solubility (70%, water)	Clear, haze-free
A ₂₈₀ (70% H ₂ O)	Max. 0.8
A ₃₀₀ (6M, water)	Max. 0.1
A ₄₁₀ (6M, water)	Max. 0.1
DNase Assay	None Detected
RNase Assay	None Detected
Protease Assay	None Detected

STORAGE

Store at room temperature. Keep tightly sealed. Protect from moisture.
Light Sensitive.

RECOMMENDED USE

IBI Guanidine Thiocyanate is used in the isolation of RNA.

WARNING

Classification: Acute Toxicity (Oral) - 4
Acute Toxicity (Dermal) - 4
Acute Toxicity (Inhalation, Vapors) - 4
Skin Corrosion/Irritant - 1C
Serious Eye Damage/Eye Irritation - 1

Hazard Statements: H302-Harmful if swallowed •
H312-Harmful in contact with skin • H314-Causes severe skin
burns • H332-Harmful if inhaled.

Precautionary Statements: P264-Wash face, hands, and any
exposed skin thoroughly after handling • P270-Do not eat, drink, or
smoke when using this product • P271-Use only outdoors or in
well-ventilated area • P260-Do not breathe dusts or mists • P280-Wear protective
gloves/protective clothing/eye protection/face protection • P310-Immediately call a
POISON CENTER or doctor • P312- Call a POISON CENTER or doctor/physician if you
feel unwell • P301+P312-IF SWALLOWED: Call a POISON CENTER or doctor/physician
if you feel unwell • P330-Rinse mouth • P331-Do NOT induce vomiting •
P303+P362+P363-IF ON SKIN (or hair): Take off immediately all contaminated
clothing. Rinse skin with water/shower. Wash contaminated clothing before reuse •
P305+P351+P338-IF IN EYES: Rinse cautiously with water for several minutes.
Remove contact lenses, if present and easy to do. Continue rinsing • P321-Specific
treatment (see supplemental first aid instructions on this label) • P304+P340-IF
INHALED: Remove person to fresh air and keep comfortable for breathing •
P405-Store locked up • P501-Dispose of contents/container to an approved waste
disposal plant.

Other Information: Harmful to aquatic life with long lasting effects.



DANGER!

FOR RESEARCH AND DEVELOPMENT PURPOSES ONLY

Building Quality Scientific.