
Guanidine Thiocyanate, Molecular Grade

Catalog Number	Size
GB100	100, 250, 500 g

Description

Guanidine Thiocyanate, Molecular Grade, at high concentrations, is a protein denaturant used most commonly for the isolation of intact RNA due to its ability to inhibit RNase.

Properties

Source: Synthesized

Grade: Molecular Biology

Product Type: Crystalline powder

Appearance: White

Formula Weight: 118.16

Purity: ≥98% by HPLC

Moisture: ≤1%

Melting Point: 118–121°C

Solubility (in water): Soluble

Applications

- for the lysis of colorectal adenocarcinoma cell line prior to RNA isolation
- as a PCR inhibitor in triplex mitochondrial DNA (mtDNA) qPCR assay
- for DNA extraction from cerebrospinal fluid (CSF)

Storage and Precautions for Use

Storage Temperature: Room Temperature

Expiry date: 1 year from date of manufacture

Disclaimer: This product is for research use only, not for drug, household, or other uses.