

Certificate of Analysis

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Product Name: Guanidine Hydrochloride

Catalog No.: 5221

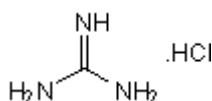
Batch No.: 3

CAS Number: 50-01-1

EC Number: 200-002-3

1. PHYSICAL AND CHEMICAL PROPERTIES

Batch Molecular Formula: CH₅N₃.HCl
Batch Molecular Weight: 95.53
Physical Appearance: White solid
Solubility: water to 6000 mM
Storage: Store at RT
Batch Molecular Structure:



2. ANALYTICAL DATA

Melting Point: At 185°C
Purity (Titration): 99.92%
UV Absorbance (6M, H₂O): A_{260nm}: 0.01 ; A_{230nm}: 0.08

Caution - Not Fully Tested • Research Use Only • Not For Human or Veterinary Use

Product Information

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Product Name: Guanidine Hydrochloride

Catalog No.: 5221

Batch No.: 3

CAS Number: 50-01-1

EC Number: 200-002-3

Description:

Protein denaturant.

Physical and Chemical Properties:

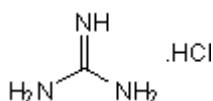
Batch Molecular Formula: CH₅N₃.HCl

Batch Molecular Weight: 95.53

Physical Appearance: White solid

Minimum Purity: >99%

Batch Molecular Structure:



Storage: Store at RT

Solubility & Usage Info:

water to 6000 mM

Stability and Solubility Advice:

Some solutions can be difficult to obtain and can be encouraged by rapid stirring, sonication or gentle warming (in a 45-60°C water bath).

Information concerning product stability, particularly in solution, has rarely been reported and in most cases we can only offer a general guide. Our standard recommendations are:

SOLIDS: Provided storage is as stated on the product label and the vial is kept tightly sealed, the product can be stored for up to 6 months from date of receipt.

SOLUTIONS: We recommend that stock solutions, once prepared, are stored aliquoted in tightly sealed vials at -20°C or below and used within 1 month. Wherever possible solutions should be made up and used on the same day.

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