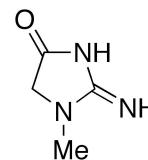


**1. Identification**Catalogue Number

C781500

Lot Number

7-RJH-5-1

StructureProduct Name

Creatinine

Synonyms

2-Amino-1,5-dihydro-1-methyl-4H-imidazol-4-one; 1-Methylglycocyanidine; 1-Methylhydantoin-2-imide; 2-Amino-1-methyl-1,5-dihydroimidazol-4-one; 2-Amino-1-methylimidazolin-4-one; NSC 13123; TEGO Cosmo C 250;

CAS Number

60-27-5

Solubility

DMSO (Slightly), Methanol (Slightly)

Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular FormulaC₄H₇N₃OSource of Product

N/A

Long Term Storage Conditions

-20°C, Inert atmosphere, Light sensitive

Molecular Weight

113.12

Purity

>95%

2. Warnings

Light Sensitive

3. Analytical InformationTests

Appearance

Specifications

White to Pale Yellow Solid

Results

White to Pale Yellow Solid

NMR

Conforms to Structure

Conforms

HPLC Purity

>95%

99.35% (215 nm)

MS

Conforms to Structure

Conforms

Additional Information

N/A

Purity is based on the analytical results of the tests performed. NMR and Elemental Analysis (if available) may have an accuracy of $\pm 2\%$. Isotopic purity is based on mass distribution observed.
The contents of the specifications are subject to change without advance notice, and the specification values displayed here are the most up to date values.

4. SignaturesReviewed by

Sarbjit Kaur

Product Quality Specialist

Reviewed by

Toni Rantanen

Manager, Quality Assurance

C of A Approved by

Christina Gouliaras

Quality Assurance Associate

Test Date

11/16/2023

Retest Date

11/14/2027