



1. Identification

Catalogue Number

H585000

Lot Number

29-SSR-22-1

Product Name

L-Homoarginine Hydrochloride

Synonyms

N6-(Aminoiminomethyl)-L-lysine Hydrochloride; 2-Amino-6-guanidinohexanoic Acid Hydrochloride; NSC 145416;

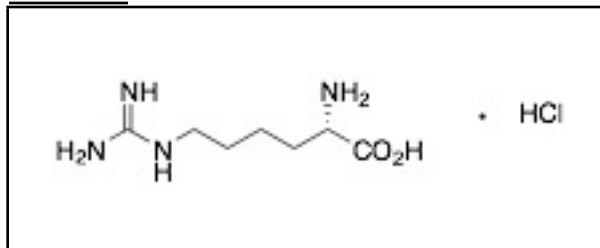
CAS Number

1483-01-8

Solubility

Methanol (Slightly), Water (Slightly)

Structure



Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular Formula

C₇H₁₇ClN₄O₂

Source of Product

N/A

Long Term Storage Conditions

4°C, Hygroscopic

Molecular Weight

224.69

Purity

>95%

2. Warnings

Moisture Sensitive

3. Analytical Information

Tests

Appearance

Specifications

White Solid

Results

White Solid

NMR

Conforms to Structure

Conforms

HPLC Purity

>95%

98.58% (ELSD)

MS

Conforms to Structure

Conforms

Chloride Content

Report Result

14.2%

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. Signatures

Reviewed by

Meenakshi Sharma

Product Quality Specialist

Reviewed by

Toni Rantanen

Manager, Quality Assurance

C of A Approved by

Chanell Chu

Quality Assurance Associate

Test Date

7/20/2023

Retest Date

7/18/2030