

**1. Identification**Catalogue Number

C178070

Lot Number

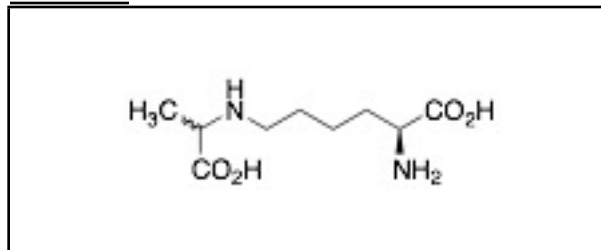
10-SKR-38-6

Product Name

Nε-(1-Carboxyethyl)-L-lysine(Mixture of Diastereomers)

Synonyms

Nε-(1-Carboxyethyl)lysine; N6-(1-Carboxyethyl)-L-lysine;

StructureCAS Number

5746-03-2

Solubility

Water (Slightly)

Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular Formula $C_9H_{18}N_2O_4$ Source of Product

Synthetic

Long Term Storage Conditions

-20°C, Hygroscopic

Molecular Weight

218.25

Purity

>95%

2. Warnings

Hygroscopic

3. Analytical InformationTests

Appearance

Specifications

White to Light Yellow Solid

Results

White to Off-White Solid

NMR

Conforms to Structure

Conforms

Elemental Analysis

Conforms

%C: 49.04, %H: 8.36, %N: 12.66

HPLC Purity

>95%

99.85% (ELSD)

MS

Conforms to Structure

Conforms

Specific Rotation

Report Result

+5.8° (c = 0.5, Water)

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

Nicole Yip

Product Quality Specialist

Reviewed by

Toni Rantanen

Manager, Quality Assurance

C of A Approved by

Nicole Badiali

Quality Assurance Associate

Test Date

7/25/2025

Retest Date

7/23/2029