



## 1. Identification

Catalogue Number

S808340

Lot Number

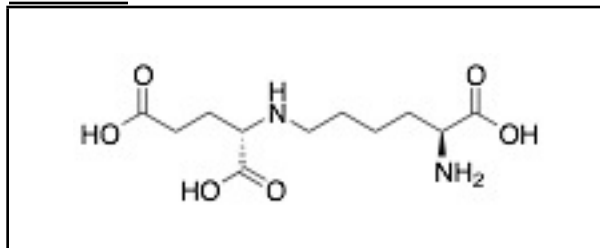
17-VKU-9-2

Product Name

L-Saccharopine

Synonyms

N-[(5S)-5-Amino-5-carboxypentyl]-L-glutamic Acid; Saccharopin; (S)-2-(((S)-5-Amino-5-carboxypentyl)amino)pentanedioic Acid;

StructureCAS Number

997-68-2

Solubility

Aqueous Acid (Slightly), Aqueous Base (Slightly)

Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular Formula $C_{11}H_{20}N_2O_6$ Source of Product

Synthetic

Long Term Storage Conditions

-20°C, Hygroscopic

Molecular Weight

276.29

Purity

&gt;95%

## 2. Warnings

Hygroscopic

## 3. Analytical Information

Tests

Appearance

Specifications

White to Off-White Solid

Results

White to Off-White Solid

NMR

Conforms to Structure

Conforms

Elemental Analysis

Conforms

%C: 45.06, %H: 7.59, %N: 9.51

HPLC Purity

&gt;95%

99.62% (ELSD)

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. Signatures

Reviewed by

Sadaf Samadi

Quality Assurance Associate

Reviewed by

Toni Rantanen

Manager, Quality Assurance

C of A Approved by

Chanell Chu

Quality Assurance Associate

Test Date

11/19/2024

Retest Date

11/17/2028