



1. Identification

Catalogue Number

C184110

Lot Number

1-KME-63-1

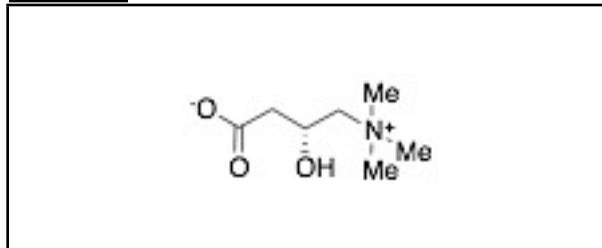
Product Name

L-Carnitine

Synonyms

(2R)-3-Carboxy-2-hydroxy-N,N,N-trimethyl-1-propanaminium Inner Salt;

Structure



CAS Number

541-15-1

Solubility

Methanol (Slightly), Water (Slightly)

Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular Formula

C₇H₁₅NO₃

Source of Product

N/A

Long Term Storage Conditions

4°C, Hygroscopic

Molecular Weight

161.2

Purity

>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: 51.34, %H: 9.51, %N: 9.25

HPLC Purity

>95%

98.63% (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

Sarbjit Kaur

Sarbjit Kaur

Product Quality Specialist

Reviewed by

Toni Rantanen

Toni Rantanen

Manager, Quality Assurance

C of A Approved by

Christina Gouliaras

Christina Gouliaras

Quality Assurance Associate

Test Date

8/4/2023

Retest Date

8/2/2027