

L-Carnitine

Biochemical & Nutraceutical Ingredients · Issued 2026-10-10

1. IDENTIFICATION

Product name	L-Carnitine
Synonyms	Levocarnitine
CAS number	541-15-1
Molecular formula	C7H15NO3
Molecular weight	161.20
Product type	Amino acid derivative (biochemical)
Catalog code	RCB-0050

2. DESCRIPTION

Quaternary ammonium compound involved in fatty-acid transport.

3. TYPICAL PROPERTIES

Appearance	Stated on the Certificate of Analysis.
Purity (stated minimum)	>=99.0% (HPLC)

4. TEST METHODS

Appearance (Visual)	Conforms
Identity (1H-NMR)	Conforms: Consistent with structure
Identity (molecular mass) (LC-MS)	Conforms
Purity (HPLC (area %))	>= 99.0 %
Water content (Karl Fischer)	Report result

5. STORAGE, PACKAGING AND PRICE

Price	Quoted on request — from 1 kg; volume pricing on your quotation
Storage	Stated on the Safety Data Sheet and Certificate of Analysis supplied with each batch.
Packaging	Sealed, labelled containers suited to the order quantity; confirmed on your quotation.

6. REGULATORY INFORMATION

Classification	Supplied with buyer declaration
Status	Regulatory status for your destination is confirmed during compliance review.

7. DOCUMENTATION

Released with your enquiry	Product specification, Certificate of Analysis (COA), Safety Data Sheet (SDS), Allergen and GMO statement, Elemental impurities statement (ICH Q3D), Residual solvents statement (ICH Q3C), TSE/BSE statement, Stability and storage statement, End-use / end-user declaration, GMP certificate / manufacturing licence — request them online
Shipped with each order	Batch Certificate of Analysis, packing list, commercial invoice