Research Scientific Ltd

Specialist chemical and laboratory consumables supplier

CERTIFICATE OF ANALYSIS

REGULAR

PRODUCT AND BATCH DETAILS

PRODUCT CODE
PEP033R

PEPTIDE NAME
L-CARNITINE

CHEMICAL NAME
L-Carnitine

BATCH ID
26034

BATCH LETTER
E

CHEMICAL IDENTIFICATION

CAS
541-15-1

FORMULA
C7H15NO3

ANALYTICAL RESULT

TEST NUMBER
RSL635808

PURITY
98.83%

TEST DATE
04/01/2026

RETEST DATE
21/12/2028

SPECIFICATION

DESCRIPTION / GENERAL APPEARANCE

White to off-white powder, supported by a white mannitol framework.
Supplied exclusively as loose, free-flowing, sieved lyophilised powder; never as a cake or solid mass.

Reference appearance only; not a recorded batch observation.

NOTES

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Our purity assessments are determined by the analytical results obtained through rigorous testing. NMR and Elemental Analysis (where applicable) are conducted with a precision range of ±2%. Isotopic purity is evaluated based on the mass distribution data observed. Please note that specifications are subject to revision without prior notice, and the values provided reflect the most current and accurate information available

Suitable for shipment at ambient temperature, provided the product is protected from UV light.
Long-term storage: Store frozen at -20 ˚C.
Handling: Hygroscopic; keep tightly sealed and protect from moisture.
Shelf life: 2+ years when stored under recommended conditions.

TESTS

FTIR ☑ LCMS ☑ NMR ☐ HPLC ☑ LPS ☐ OTHER ☐

Selected test panel; see the batch report for method results and limits.

PREPARED BY
Michael Mansfield

REVIEWED / AUTHORISED BY

SIGNATURE / DATE
04/01/2026