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CERTIFICATE OF ANALYSIS

Analysis Date: Oct 2022

Re-test Date: Sep 2025

Product Name: D-Carnitine

Identification:

Chemical Name: (S)-3-Hydroxy-4-(trimethylammonio)butanoate

Synonyms : (+)-Carnitine ; (+)-D-Carnitine ; D-(+)-Carnitine

CAS Number : 541-14-0

CAT Number : CP-L33001

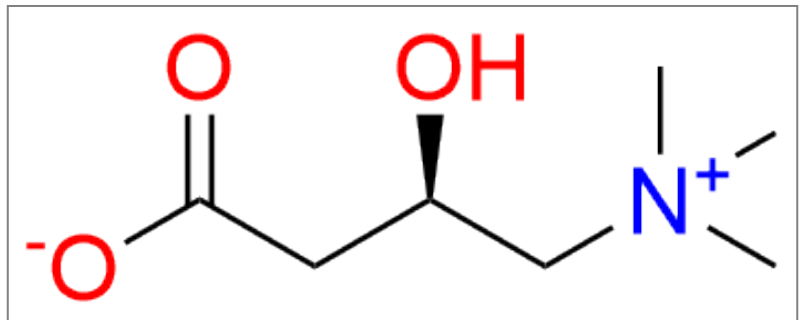
Molecular Formula : C₇H₁₅NO₃

Molecular Weight : 161.20

Batch Number : CHEM-CAR-D

Storage Condition : Tightly closed, Inert atmosphere at 2 to 8° C

Shipping condition : All Products are stable to be shipped at room temperature, if specific condition required it is mention in the COA



Analytical Information:

Sr. No.	Test	Result
1)	Description	White to Beige Hygroscopic Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By GC	99.33%
5)	H1NMR	Confirm to structure
6)	13CNMR	Confirm to structure



Prepared and Reviewed By

Ms Priyanka Salunkhe
(Manager QC Analytical)

Approved By

Ms Rohini Gagare
(QA Head)

Note: Product supplied by Chemicea are for R&D purpose only and not for human consumptions.