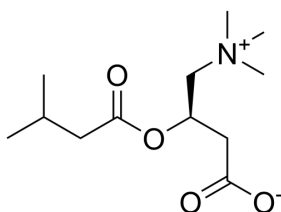


Certificate of Analysis

Product Name:	Isovalerylcarnitine
Cat. No.:	CS-0059341
CAS No.:	31023-24-2
Batch No.:	250356
Chemical Name:	1-Propanaminium,3-carboxy-N,N,N-trimethyl-2-(3-methyl-1-oxobutoxy)-,inner salt,(2R)-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:	C ₁₂ H ₂₃ NO ₄
Molecular Weight:	245.32
Storage:	2-8°C, sealed storage, away from moisture
Chemical Structure:	



ANALYTICAL DATA

Appearance:	White to off-white (Solid)
¹H NMR Spectrum:	Consistent with structure
MS:	Consistent with structure
Purity (NMR):	≥98.0%
Conclusion:	The product has been tested and complies with the given specifications.

Caution: Product has not been fully validated for medical applications. For research use only.

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