## **Certificate of Analysis**

## **Tiglyl carnitine**

Cat. No.: HY-113408
CAS No.: 64681-36-3
Batch No.: 309874

Chemical Name: 1-Propanaminium, 3-carboxy-N,N,N-trimethyl-2-[[(2E)-2-methyl-1-oxo-2-buten-1-yl]oxy]-, inner

salt, (2R)-

## PHYSICAL AND CHEMICAL PROPERTIES

 $\label{eq:molecular Formula:} $C_{12}H_{21}NO_4$$   $\label{eq:molecular Weight:} 243.30$ 

Storage: Powder -20°C 3 years

In solvent -80°C 6 months

-20°C 1 month

**Chemical Structure:** 

## **ANALYTICAL DATA**

Appearance: White to off-white (Solid)

<sup>1</sup> H NMR Spectrum: Consistent with structure

LCMS: Consistent with structure

Purity (LCMS): 99.92%

**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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