## **Certificate of Analysis**

## **β-Carotene**

 Cat. No.:
 HY-N0411

 CAS No.:
 7235-40-7

 Batch No.:
 241560

**Chemical Name:** β,β-Carotene

## PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:  $C_{40}H_{56}$ Molecular Weight: 536.87264

Storage: -20°C, protect from light, stored under nitrogen

\* In solvent : -80°C, 6 months; -20°C, 1 month (protect from light, stored under nitrogen)

**Chemical Structure:** 

X

## **ANALYTICAL DATA**

Appearance: Brown to red (Solid)

<sup>1</sup> H NMR Spectrum: 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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