## **Certificate of Analysis**

## β-Apo-8'-carotenal

Cat. No.: HY-N6677 CAS No.: 1107-26-2 Batch No.: 250110

**Chemical Name:** 2,4,6,8,10,12,14,16-Heptadecaoctaenal, 2,6,11,15-tetramethyl-17-(2,6,6-trimethyl-1-cyclohexen-

1-yl)-, (2E,4E,6E,8E,10E,12E,14E,16E)-

## PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: C<sub>30</sub>H<sub>40</sub>O **Molecular Weight:** 416.64

-20°C, sealed storage, away from moisture and light Storage:

\* In solvent: -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture and

**Chemical Structure:** 

## ANALYTICAL DATA

Appearance: Brown to black (Solid) <sup>1</sup>H NMR Spectrum: Consistent with structure Consistent with structure

Purity (NMR): ≥96.0%

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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