## **Certificate of Analysis**

## Linoleic acid

 Cat. No.:
 HY-N0729

 CAS No.:
 60-33-3

 Batch No.:
 247293

Chemical Name: 9,12-Octadecadienoic acid (9Z,12Z)-

## PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:  $C_{18}H_{32}O_2$ Molecular Weight: 280.45

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:** 

OH

## **ANALYTICAL DATA**

Appearance: Colorless to light yellow (Liquid)

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

MS: Consistent with structure

Purity (HPLC): 98.77%

**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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