

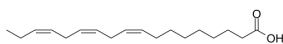
## Certificate of Analysis

**Product Name:**  $\alpha$ -Linolenic acid  
**Cat. No.:** HY-N0728  
**CAS No.:** 463-40-1  
**Batch No.:** 61140  
**Chemical Name:** 9,12,15-Octadecatrienoic acid, (9Z,12Z,15Z)-

### PHYSICAL AND CHEMICAL PROPERTIES

**Molecular Formula:** C<sub>18</sub>H<sub>30</sub>O<sub>2</sub>  
**Molecular Weight:** 278.43  
**Storage:**  
Pure form      -20°C      3 years  
In solvent      -80°C      6 months  
                         -20°C      1 month

**Chemical Structure:**



### ANALYTICAL DATA

**Appearance:** Colorless to light yellow (Liquid)  
**<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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