

## Certificate of Analysis

**Product Name:** Arachidonyl alcohol  
**Cat. No.:** HY-135801  
**CAS No.:** 13487-46-2  
**Batch No.:** 61981  
**Chemical Name:** 5,8,11,14-Eicosatetraen-1-ol, (5Z,8Z,11Z,14Z)-

### PHYSICAL AND CHEMICAL PROPERTIES

**Molecular Formula:** C<sub>20</sub>H<sub>34</sub>O  
**Molecular Weight:** 290.48  
**Storage:**  
Pure form      -20°C    3 years  
                      4°C        2 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  
**LCMS:** Consistent with structure  
**Purity (LCMS):** 96.04%  
**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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