Certificate of Analysis

Arachidonic acid

Cat. No.: HY-109590 CAS No.: 506-32-1 Batch No.: 276177

Chemical Name: 5,8,11,14-Eicosatetraenoic acid, (5Z,8Z,11Z,14Z)-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{20}H_{32}O_2$ Molecular Weight: 304.47

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:

ANALYTICAL DATA

Colorless to light yellow (Liquid) Appearance:

¹H NMR Spectrum: Consistent with structure

Purity (GC): 99.32%

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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