Certificate of Analysis

Stearic acid

 Cat. No.:
 HY-B2219

 CAS No.:
 57-11-4

 Batch No.:
 254736

Chemical Name: Octadecanoic acid

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{18}H_{36}O_2$ Molecular Weight: 284.48

Storage: Powder -20°C 3 years

4°C 2 years

In solvent -80°C 6 months

-20°C 1 month

Chemical Structure:

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ANALYTICAL DATA

Appearance: White to off-white (Solid)

¹ H NMR Spectrum: Consistent with structure

Purity (GC): 99.49%
Water(KF): 0.01%

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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