Certificate of Analysis

Stearamide

 Cat. No.:
 HY-W130610

 CAS No.:
 124-26-5

 Batch No.:
 151411

Chemical Name: Octadecanamide

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{18}H_{37}NO$ Molecular Weight: 283.49

Storage: Powder -20°C 3 years

4°C 2 years

In solvent -80°C 6 months

-20°C 1 month

Chemical Structure:

NH₂

ANALYTICAL DATA

Appearance: White to off-white (Solid)

¹ H NMR Spectrum: Consistent with structure

 Purity (NMR):
 ≥97.0%

 Water(KF):
 0.02%

 Residue on Ignition:
 0.010%

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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