Certificate of Analysis

Stearamide

Cat. No.: HY-W130610 CAS No.: 124-26-5 Batch No.: 248165

Chemical Name: Octadecanamide

PHYSICAL AND CHEMICAL PROPERTIES

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

Storage: Powder -20°C 3 years

> 2 years 4°C

In solvent -80°C 6 months

> -20°C 1 month

Chemical Structure:

ANALYTICAL DATA

Appearance: White to off-white (Solid) ¹H 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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