## **Certificate of Analysis**

## Palmitoylethanolamide

 Cat. No.:
 HY-20685

 CAS No.:
 544-31-0

 Batch No.:
 380063

Chemical Name: Hexadecanamide, N-(2-hydroxyethyl)-

## PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:  $C_{18}H_{37}NO_2$ Molecular Weight: 299.49

Storage: Powder -20°C 3 years

In solvent -80°C 6 months

-20°C 1 month

**Chemical Structure:** 

## **ANALYTICAL DATA**

Appearance: White to off-white (Solid)

<sup>1</sup> H NMR Spectrum: Consistent with structure

MS: Consistent with structure

Purity (HPLC): 99.77%

**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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