**Certificate of Analysis** 

## Myristoyl glutamic acid (sodium)

Cat. No.: HY-126460A CAS No.: 38517-37-2 Batch No.: 254915

**Chemical Name:** L-Glutamic acid, N-(1-oxotetradecyl)-, sodium salt (1:1)

## PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:  $C_{19}H_{34}NNaO_5$ Molecular Weight: 379.47

Storage: 4°C, sealed storage, away from moisture and light

\* In solvent: -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture and

light)

**Chemical Structure:** 

## **ANALYTICAL DATA**

White to off-white (Solid) Appearance: <sup>1</sup>H NMR Spectrum: Consistent with structure Consistent with structure MS:

Purity (HPLC): 98.43%

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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