## **Certificate of Analysis**

## **Boc-NH-PEG2**

 Cat. No.:
 HY-W004896

 CAS No.:
 139115-91-6

 Batch No.:
 273380

Chemical Name: Carbamic acid, N-[2-(2-hydroxyethoxy)ethyl]-, 1,1-dimethylethyl ester

## PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:  $C_9H_{19}NO_4$ Molecular Weight: 205.25

Storage: Pure form -20°C 3 years

4°C 2 years

In solvent -80°C 6 months

-20°C 1 month

**Chemical Structure:** 

$$\mathsf{HO} \overset{\mathsf{O}}{\longleftarrow} \mathsf{N} \overset{\mathsf{O}}{\longleftarrow} \mathsf{O}$$

## **ANALYTICAL DATA**

Appearance: Colorless to light yellow (Liquid)

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

Purity (GC): 99.78%
Water(KF): 1.00%

**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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