## **Certificate of Analysis**

## Tetraethylene glycol

Cat. No.: HY-W018745 CAS No.: 112-60-7 Batch No.: 279320

**Chemical Name:** 2,2'-((Oxybis(ethane-2,1-diyl))bis(oxy))diethanol

## PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:  $C_8H_{18}O_5$ Molecular Weight: 194.23

Storage: Pure form -20°C 3 years

> 2 years  $4^{\circ}\text{C}$

In solvent -80°C 6 months

-20°C 1 month

**Chemical Structure:** 

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## ANALYTICAL DATA

Appearance: Colorless to light yellow (Liquid)

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

Purity (GC): 99.51% Water(KF): 0.21%

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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