Certificate of Analysis

Pentaethylene glycol

Cat. No.: HY-W007341 CAS No.: 4792-15-8 Batch No.: 115724

Chemical Name: 3,6,9,12-Tetraoxatetradecane-1,14-diol

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{10}H_{22}O_6$ 238.28 Molecular Weight:

Storage: Pure form -20°C 3 years

> 2 years 4°C

In solvent -80°C 6 months

1 month -20°C

Chemical Structure:

ANALYTICAL DATA

Appearance: Colorless to light yellow (Liquid)

¹H NMR Spectrum: Consistent with structure

Purity (GC): 98.42%

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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