

Certificate of Analysis

Hexaethylene glycol

Cat. No.: HY-141230 CAS No.: 2615-15-8 Batch No.: 248207

Chemical Name: 3,6,9,12,15-Pentaoxaheptadecane-1,17-diol

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{12}H_{26}O_{7}$ 282.33 Molecular Weight:

Storage: Pure form -20°C 3 years

> 2 years 4°C

In solvent -80°C 6 months

-20°C 1 month

Chemical Structure:

ANALYTICAL DATA

Appearance: Colorless to light yellow (Liquid)

¹H NMR Spectrum: Consistent with structure

Purity (GC): 99.87% Water(KF): 0.33%

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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