Certificate of Analysis

Nonaethylene glycol

Cat. No.: HY-116899 CAS No.: 3386-18-3 Batch No.: 313889

Chemical Name: 3,6,9,12,15,18,21,24-Octaoxahexacosane-1,26-diol

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{18}H_{38}O_{10}$ 414.49 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 off-white (<24°C Solid,>25.2°C Liquid)

¹H NMR Spectrum: Consistent with structure

Purity (NMR): ≥97.0%

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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