Certificate of Analysis

Triton X-114

Cat. No.: HY-W134422 CAS No.: 9036-19-5 Batch No.: 311846

Chemical Name: Poly(oxy-1,2-ethanediyl), α -[(1,1,3,3-tetramethylbutyl)phenyl]- ω -hydroxy-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $(C_2H_4O)_nC_{14}H_{22}O$

Pure form Storage: -20°C 3 years

> 4°C 2 years

In solvent -80°C 6 months

> -20°C 1 month

Chemical Structure:

$$\begin{array}{c|c}
1 & HO & O^{D_1} \\
 & & & \\
\end{array}$$

ANALYTICAL DATA

Appearance: Colorless to light yellow (Liquid)

99.5% Assay: PH: 6.02 Water(KF): 0.32%

Hydroxyl Value: 110.22 mgKOH/g

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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