Certificate of Analysis

1,3-Propanediol

Cat. No.: HY-W017758 CAS No.: 504-63-2 Batch No.: 248756

Chemical Name: 1,3-Propanediol

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{3}H_{8}O_{2}$ Molecular Weight: 76.09

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): 99.97% Water(KF): 0.84%

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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