Certificate of Analysis

Tridecane

Cat. No.: HY-W088037 CAS No.: 629-50-5 Batch No.: 126728 **Chemical Name:** Tridecane

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{13}H_{28}$ 184.36 Molecular Weight:

Storage: Pure form -20°C 3 years

> 2 years 4°C

-80°C In solvent 6 months

> 1 month -20°C

Chemical Structure:

ANALYTICAL DATA

Colorless to light yellow (Liquid) Appearance:

¹H NMR Spectrum: Consistent with structure

Purity (NMR): ≥98.0% Water(KF): 0.03%

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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