Certificate of Analysis

Dipentyl phthalate

Cat. No.: HY-W013816
CAS No.: 131-18-0
Batch No.: 231600

Chemical Name: 1,2-Benzenedicarboxylic acid, 1,2-dipentyl ester

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{18}H_{26}O_4$ Molecular Weight: 306.40

Storage: Pure form -20°C 3 years

4°C 2 years

In solvent -80°C 6 months

-20°C 1 month

Chemical Structure:

ANALYTICAL DATA

Appearance: Colorless to light yellow (Liquid)

¹ H NMR Spectrum: Consistent with structure

Purity (GC): 99.42% Water(KF): 0.17%

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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