

Certificate of Analysis

4-Methyl-1-phenyl-2-pentanone

Cat. No.: HY-W041470
CAS No.: 5349-62-2
Batch No.: 52724

Chemical Name: 2-Pentanone, 4-methyl-1-phenyl-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{12}H_{16}O$ Molecular Weight: 176.25

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 (HPLC): 99.81%

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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