## **Certificate of Analysis**

## Dibenzylideneacetone

Cat. No.: HY-75828
CAS No.: 538-58-9
Batch No.: 111769

Chemical Name: 1,4-Pentadien-3-one, 1,5-diphenyl-

## PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:  $C_{17}H_{14}O$  Molecular Weight: 234.29

Storage: Powder -20°C 3 years

4°C 2 years

In solvent -80°C 6 months

-20°C 1 month

**Chemical Structure:** 

## **ANALYTICAL DATA**

Appearance: Light yellow to yellow (Solid)

<sup>1</sup> H NMR Spectrum: Consistent with structure

Purity (HPLC): 99.71%

**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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