



CERTIFICATE OF ANALYSIS

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1. Identification

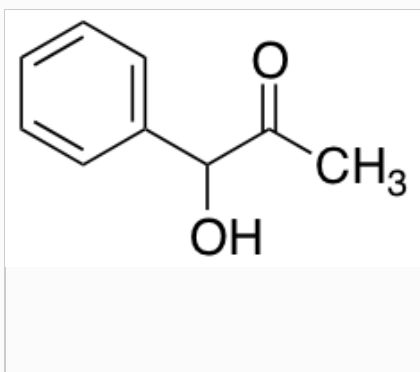
Catalogue Number: H100585

CAS Number: 90-63-1

Product: 1-Hydroxy-1-phenylpropan-2-one

Synonym: 1-Hydroxy-1-phenyl-2-propanone; 1-Hydroxy-1-phenylacetone; 1-Hydroxy-1-phenylpropan-2-one; 1-Hydroxy-2-oxo-1-phenylpropane; 1-Phenyl-1-hydroxypropan-2-one; 1-Phenyl-2-oxo-1-propanol; 1-Phenylacetylcarbinol; NSC 404583; Phenylacetylcarbinol; α -Hydroxybenzyl methyl ketone;

Structure:



Molecular Formula:

C₉H₁₀O₂

Molecular weight:

150.17

Source of Product:

N/A

Solubility:

Chloroform (Slightly),
Methanol (Slightly)

Lot Number: 2023-SAP-065

Purity: 98%

Shipping Condition: This Product Is Stable To Be Shipped At Room Temperature

Storage Condition: 4°C

2. Warning

Warning 1:

Warning 2:

Warning 3:

3. Analytical Information

| Tests: | Specifications: | Results: |
|--------------------|---------------------------|---------------------|
| Appearance | Yellow to Dark Yellow Oil | Dark Yellow Oil |
| Elemental Analysis | Conforms | %C: 72.37, %H: 7.09 |
| HPLC Purity | Report Result | 99.49% (220 nm) |
| NMR | Conforms to Structure | Conforms |
| MS | Conforms to Structure | Conforms |

Additional Information: N/A

Purity is based on the analytical results of the tests performed. NMR and Elemental Analysis (if available) may have an accuracy of \pm 2%. Isotopic purity is based on mass distribution observed. The contents of the specifications are subject to change without advance notice, and the specification values displayed here are the most up to date values.

4. Signatures

| Reviewed By | Reviewed By | C of A Approved By | Test Date | Retest Date |
|-------------|---------------|--------------------|-----------|-------------|
| Henry Tieu | Toni Rantanen | Chanell Chu | 3/17/2023 | 3/15/2027 |