



CERTIFICATE OF ANALYSIS

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1. Identification

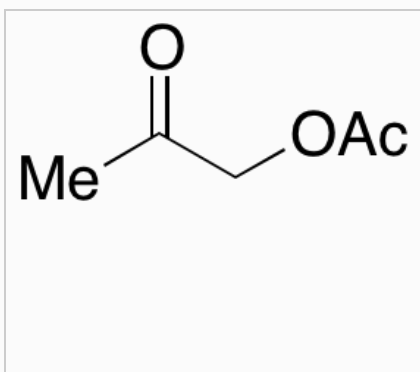
Catalogue Number: A133035

CAS Number: 592-20-1

Product: Acetoxyacetone

Synonym: Acetoxypropanone; Acetylmethyl Acetate; Acetyloxyacetone; NSC 2298; NSC 7614; O-Acetylacetol; 1-(Acetyloxy)propan-2-one; 1-Acetoxy-2-propanone; 1-Acetoxyacetone; 1-Hydroxy-2-propanone Acetate; 2-Oxopropyl Acetate; Acetic Acid Acetonyl Ester; Acetol Acetate; Acetonyl Acetate;

Structure:



Molecular Formula:

C₅H₈O₃

Molecular weight:

116.12

Source of Product:

N/A

Solubility:

Chloroform (Sparingly), Ethyl Acetate (Slightly)

Lot Number: 2022-GHZ-094

Purity: 97%

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

Storage Condition: -20°C

2. Warning

Warning 1:

Warning 2:

Warning 3:

3. Analytical Information

| Tests: | Specifications: | Results: |
|--------------------|--------------------------------|----------------------|
| Appearance | Colourless to Light Yellow Oil | Clear Colourless Oil |
| NMR | Conforms to Structure | Conforms |
| Elemental Analysis | Conforms | %C: 51.12, %H: 7.00 |
| GC | Report Result | 99.73% |
| MS | Conforms to Structure | Conforms |
| C NMR | 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 ± 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 |
|---------------|---------------|---------------------|-----------|-------------|
| Sarbjeet Kaur | Toni Rantanen | Christina Gouliaras | 12/7/2022 | 12/5/2026 |

