



CERTIFICATE OF ANALYSIS

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1. Identification

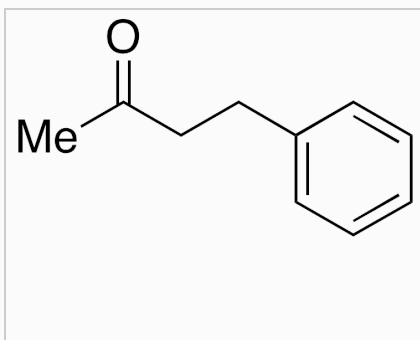
Catalogue Number: P319760

CAS Number: 2550-26-7

Product: 4-Phenyl-2-butanone

Synonym: 1-Phenyl-3-butanone; 2-Phenylethyl Methyl Ketone; 4-Phenyl-2-butanone; Benzylacetone; Methyl 2-Phenylethyl Ketone; Methyl Phenethyl Ketone; NSC 44829; NSC 813; Phenethyl Methyl Ketone

Structure:



Molecular Formula:

C₁₀H₁₂O

Molecular weight:

148.2

Source of Product:

N/A

Solubility:

Chloroform, Methanol

Lot Number: 13-FGD-383-1

Purity: 98%

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 Oil	Clear Colourless Oil
HPLC Purity	Report Result	99.02% (205 nm)
NMR	Conforms to Structure	Conforms
C NMR	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 81.18, %H: 8.24
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
Sarbjeet Kaur	Toni Rantanen	Chanell Chu	4/14/2023	4/12/2027