



CERTIFICATE OF ANALYSIS

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1. Identification

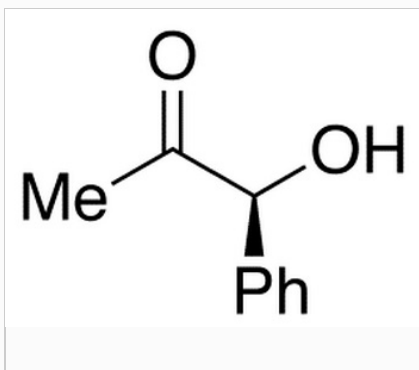
Catalogue Number: P306300

CAS Number: 53439-91-1

Product: L-Phenylacetyl Carbinol

Synonym: (1S)-1-Hydroxy-1-phenyl-2-propanone; (+)-Phenylacetyl Carbinol; (S)-1-Hydroxy-1-phenylpropanone; (S)-Phenylacetyl Carbinol;

Structure:



Molecular Formula:

C₉H₁₀O₂

Molecular weight:

150.17

Source of Product:

Synthetic

Solubility:

Chloroform (Slightly), Ethanol (Slightly), Methanol (Slightly)

Lot Number: 4-GAC-149-3

Purity: 93%

Shipping Condition: This Product Is Stable To Be Shipped With Blue Ice

Storage Condition: -20°C

2. Warning

Warning 1:

Warning 2:

Warning 3:

3. Analytical Information

Tests:	Specifications:	Results:
MS	Conforms to Structure	Conforms
HPLC Purity	Report Result	93.38% (205 nm)
Appearance	Pale Yellow to Green Oil	Clear Light Yellow Oil
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
Evan Burns	Toni Rantanen	Chanell Chu	7/18/2022	7/16/2026