



CERTIFICATE OF ANALYSIS

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1. Identification

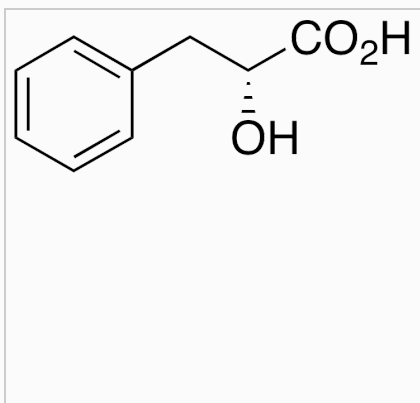
Catalogue Number: P335550

CAS Number: 7326-19-4

Synonym: (+)-2-Hydroxy-3-phenylpropanoic Acid; (+)-2-Hydroxy-3-phenylpropionic Acid; (+)-3-Phenyllactic Acid; (+)- β -Phenyllactic Acid; (2R)-2-Hydroxy-3-phenylpropanoic Acid; (2R)-2-Hydroxy-3-phenylpropionic Acid; (2R)-3-Phenyl-2-hydroxypropanoic Acid; (R)-2-Hydroxy-3-phenylpropionic Acid; (R)-2-Hydroxy-3-phenylpropionic Acid; (R)-3-Phenyl-2-hydroxypropanoic Acid; (R)-3-Phenyl-2-hydroxypropionic Acid; (R)-3-Phenyllactic Acid; (R)-Phenyllactic Acid; (R)- α -Hydroxy-3-phenylpropionic Acid; (R)- β -Phenyllactic

Product: D-(+)-3-Phenyllactic Acid

Structure:



Molecular Formula:

C₉H₁₀O₃

Molecular weight:

166.17

Source of Product:

N/A

Solubility:

Acetone (Slightly), DMSO (Slightly), Methanol (Slightly), Sonicated

Lot Number: 7-AZP-180-1

Purity: 96%

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	Off-White Solid	Off-White Solid
NMR	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 62.36, %H: 5.97
MS	Conforms to Structure	Conforms
Specific Rotation	Report Result	+17.3° (c = 0.5, Methanol)

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
Evan Burns	Toni Rantanen	Chanell Chu	6/23/2021	6/21/2025
				