



CERTIFICATE OF ANALYSIS

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1. Identification

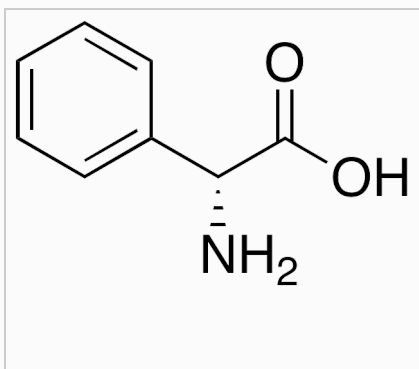
Catalogue Number: P327125

CAS Number: 875-74-1

Synonym: (-)-(R)-Phenylglycine; (-)-Phenylglycine; (2R)-Amino-2-phenylethanoic Acid; (R)-(-)-2-Phenylglycine; (R)-2-Amino-2-phenylacetic Acid; (R)-2-Amino-2-phenylethanoic Acid; (R)-2-Phenyl-2-aminoethanoic Acid; (R)-2-Phenylglycine; (R)-2-Phenylglycine; (R)-Phenylglycine; (R)-α-Phenylglycine; D-(-)-Aminophenylacetic Acid; D-(-)-Phenylglycine; D-(-)-α-Aminophenylacetic Acid; D-(-)-α-Phenylglycine; D-2-Phenylglycine; D-C-Phenylglycine; D-Phenylglycine; D-α-Aminophenylacetic Acid; D-α-Ph

Product: D-(-)-2-Phenylglycine

Structure:



Molecular Formula:

C₈H₉NO₂

Molecular weight:

151.16

Source of Product:

N/A

Solubility:

Aqueous Acid (Sparingly),
Water (Slightly)

Lot Number: 24-ABY-100-1

Purity: 98%

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

Storage Condition: 20°C

2. Warning

Warning 1: Not Determined

Warning 2:

Warning 3:

3. Analytical Information

Tests:	Specifications:	Results:
Appearance	White to Off-White Solid	White Solid
Specific Rotation	Report Result	-149.1° (c = 1.0, 1M HCl)
NMR	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 63.44, %H: 6.05, %N: 9.27
MS	Conforms to Structure	Conforms
HPLC Purity	Report Result	98.16% (220 nm)

Additional Information:

TLC Conditions: C18; Methanol : Water : Ammonium Hydroxide = 9 : 1 : 0.1; Visualized with KMnO₄ and Ninhydrin; Single Spot, R_f = 0.70. Elemental Analysis: (Theoretical) %C: 63.56, %H: 6.00, %N: 9.27

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

Neha Khanna

**Reviewed By**

Toni Rantanen

**C of A Approved
By**

My Nguyen

**Test Date**

12/17/2019

Retest Date

12/15/2026