



CERTIFICATE OF ANALYSIS

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1. Identification

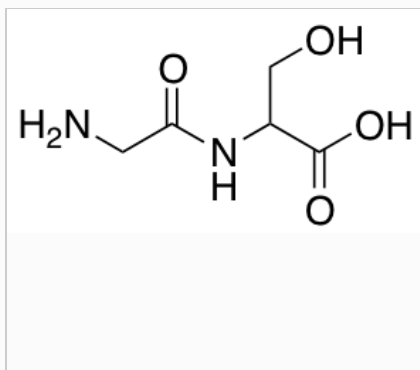
Catalogue Number: G650110

CAS Number: 687-38-7

Product: Glycyl-DL-serine

Synonym: Glycylserine; 2-(2-Aminoacetamido)-3-hydroxypropanoic Acid; Glycyl-DL-serine; NSC 163326

Structure:



Molecular Formula:

C₅H₁₀N₂O₄

Molecular weight:

162.14

Source of Product:

N/A

Solubility:

Aqueous Acid (Slightly),
Water (Slightly)

Lot Number: 17-SBL-149-1

Purity: 98%

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

Storage Condition: -20°C, Hygroscopic

2. Warning

Warning 1:

Warning 2:

Warning 3:

3. Analytical Information

Tests:	Specifications:	Results:
Elemental Analysis	Conforms	%C: 33.12, %H: 6.83, %N: 15.45
Specific Rotation	Report Result	-0.2° (c = 0.5, Water)
NMR	Conforms to Structure	Conforms
Appearance	White to Off-White Solid	White Solid
MS	Conforms to Structure	Conforms
Water Content	Report Result	10.0% by Karl Fischer

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	7/15/2021	7/13/2025