



CERTIFICATE OF ANALYSIS

20 Martin Ross Avenue, North York, ON, M3J 2K8, CANADA
Tel: (416) 665-9696, Fax: (416) 665-4439
Email: orders.trc@lgcgroup.com Website: www.trc-canada.com

1. Identification

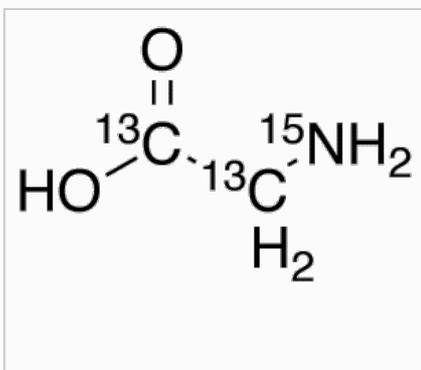
Catalogue Number: G615993

CAS Number: 211057-02-2

Product: Glycine-13C2,15N

Synonym: 2-Aminoacetic Acid-13C2,15N; Aciport-13C2,15N; Aminoethanoic Acid-13C2,15N; Glicoamin-13C2,15N; Glycocol-13C2,15N; Glycolixir-13C2,15N; Glycosthene-13C2,15N; Gyn-Hydralin-13C2,15N; NSC 25936; NSC 2916-13C2,15N; NSC 54188-13C2,15N; Padil-13C2,15N;

Structure:



Molecular Formula:

$^{13}\text{C}_2\text{H}_5^{15}\text{NO}_2$

Molecular weight:

78.05

Source of Product:

N/A

Solubility:

Aqueous Acid (Slightly),
Water (Sparingly)

Lot Number: 711903540-1-1

Purity: 98%

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:
NMR	Conforms to Structure	Conforms
N NMR	Conforms to Structure	Conforms
C NMR	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 31.08, %H: 6.59, %N: 18.08
Appearance	White to Off-White Solid	White to Off-White Solid
MS	Conforms to Structure	Conforms
Isotopic Purity	>95%	99.3%
HPLC Purity	Report Result	100.00% (ELSD)

Additional Information:

Normalized Intensity: d0 = 0.05%, d1 = 0.25%, d2 = 1.48%, d3 = 98.21%

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

Meenakshi Sharma



Reviewed By

Toni Rantanen



**C of A Approved
By**

Chanell Chu



Test Date

12/12/2023

Retest Date

12/10/2027