



CERTIFICATE OF ANALYSIS

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1. Identification

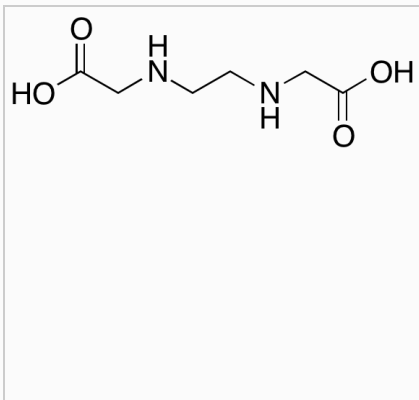
Catalogue Number: E900490

CAS Number: 5657-17-0

Synonym: N,N'-1,2-Ethanediyldis[glycine]; 1,2-Bis(carboxymethylamino)ethane; 1,2-Ethylenediamine-N,N'-diacetic Acid; 2,2'-(1,2-ethanediyldiimino)bis-Acetic Acid; EDDA; Ethylenediamine-N,N'-diacetic Acid; Ethylenediaminediacetic Acid; Ethylenediimino-N,N'-diacetic Acid; Ethylenediiminodiacetic Acid; N,N'-Bis(carboxymethyl)ethylenediamine; N,N'-Ethylenediaminediacetic Acid; N,N'-Ethylenediglycine

Product: Ethylenediamine-N,N'-diacetic Acid

Structure:



Molecular Formula:

C₆H₁₂N₂O₄

Molecular weight:

176.17

Source of Product:

N/A

Solubility:

2.7 mg/mL in Water, 3.2 mg/mL in Aqueous Base, Not soluble in Methanol, Not solu

Lot Number: 711645086-2-1

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
Elemental Analysis	Conforms	%C: 40.78, %H: 6.88, %N: 16.01
MS	Conforms to Structure	Conforms
HPLC Purity	Report Result	100.00% (ELSD)
Appearance	White to Off-White Solid	White Solid

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
Henry Tieu	Toni Rantanen	Chanell Chu	8/16/2022	8/14/2026
				