



CERTIFICATE OF ANALYSIS

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1. Identification

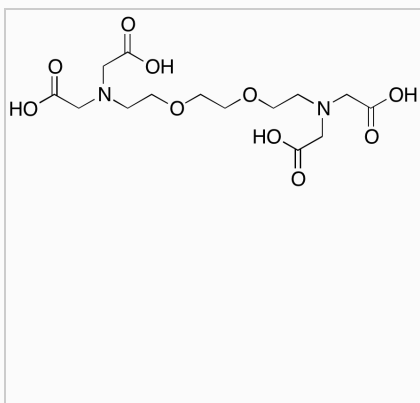
Catalogue Number: E440150

CAS Number: 67-42-5

Product: EGTA (>90%)

Synonym: 1,2-Bis(2-aminoethoxyethane)-N,N,N',N'-tetraacetic Acid; 2,2'-Ethylenedioxybis(ethylamine)-N,N,N',N'-tetraacetic Acid; 3,12-Bis(carboxymethyl)-6,9-dioxa-3,12-diazatetradecanedioic Acid; 3,6-Dioxaoctane-1,8-diamine-N,N,N',N'-tetraacetic Acid; Chelest GEA; EBONTA; EDGA; EGTA; Egtazic Acid; Ethylene Glycol Bis(2-aminoethyl Ether)-N,N,N',N'-tetraacetic Acid; Ethylene Glycol Bis(β-aminoethyl Ether)-N,N,N',N'-tetraacetic Acid; GEDTA; NSC 615010; O,O'-Bis(2-aminoethyl)ethylene Glycol-N,N,N',N'-tetraace

Structure:



Molecular Formula:

C₁₄H₂₄N₂O₁₀

Molecular weight:

380.35

Source of Product:

N/A

Solubility:

Aqueous Base (Slightly),
DMSO (Slightly, Heated),
Methanol (Slightly)

Lot Number: 1-EDT-87-1

Purity: >90%

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

Storage Condition: 20°C

2. Warning

Warning 1:

Warning 2:

Warning 3:

3. Analytical Information

Tests:	Specifications:	Results:
Appearance	White to Off-White Solid	White Solid
NMR	Conforms to Structure	Conforms
MS	Conforms to Structure	Conforms
C NMR	Conforms to Structure	Conforms

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
Swathi Reddy	Toni Rantanen	Chanell Chu	8/13/2021	8/11/2025
				