Certificate of Analysis

EGTA

Cat. No.: HY-D0861
CAS No.: 67-42-5
Batch No.: 272429

Chemical Name: 6,9-Dioxa-3,12-diazatetradecanedioic acid, 3,12-bis(carboxymethyl)-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{14}H_{24}N_2O_{10}$ Molecular Weight: 380.35

Storage: Powder -20°C 3 years

4°C 2 years

In solvent -80°C 6 months

-20°C 1 month

Chemical Structure:

ANALYTICAL DATA

Appearance: White to off-white (Solid)

¹ H NMR Spectrum: Consistent with structure

Purity (NMR): ≥98.0%
Residue on Ignition: 0.26%

Conclusion: The product has been tested and complies with the given specifications.

Caution: Product has not been fully validated for medical applications. For research use only.

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