



CERTIFICATE OF ANALYSIS

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1. Identification

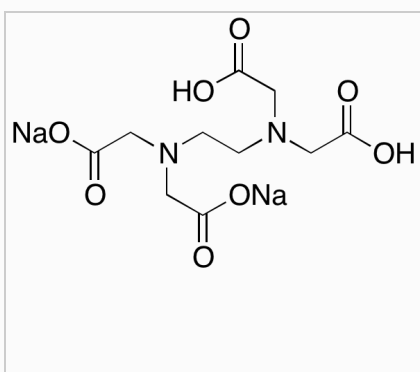
Catalogue Number: E918335

CAS Number: 139-33-3

Product: Ethylenediaminetetraacetic Acid
Disodium Salt

Synonym: Chelaplex; Chelaplex III; Chelaton III; Chelest 200; Chelest 2B-SD; Chelest 2BS; Chelest B; Clewat N; Clewat N 2; Complexon III; Disodium (Ethylenedinitrilo)tetraacetate; Disodium EDTA; Disodium Diacid Ethylenediaminetetraacetate; Disodium Dihydrogen Ethylenediaminetetraacetate;

Structure:



Molecular Formula:

$C_{10}H_{14}N_2Na_2O_8$

Molecular weight:

336.21

Source of Product:

N/A

Solubility:

Aqueous Base (Slightly),
Water (Sparingly, Sonicated)

Lot Number: 19-SBL-69-1

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:
Elemental Analysis	Conforms	%C: 32.26, %H: 5.01, %N: 7.47
Water Content	Report Result	9.7% by Karl Fischer
Appearance	White to Off-White Solid	White Solid
NMR	Conforms to Structure	Conforms
MS	Conforms to Structure	Conforms
Sodium Content	Report Result	12.20% by Ion Chromatography

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
Evan Burns	Toni Rantanen	Chanell Chu	10/12/2021	10/10/2025

