



CERTIFICATE OF ANALYSIS

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1. Identification

Catalogue Number: N490175

CAS Number: 139-13-9

Synonym: N,N-bis(carboxymethyl)glycine; 412: Chel 300; Chelest NT; Complexon I; Dissolvine A; Hampshire NTA Acid; N,N-Bis(carboxymethyl)glycine; N,N-Bis(carboxymethyl)glycine; NSC 2121; NTA; Nitrilo-2,2',2''-triacetic Acid; Nitrilo-N,N,N-triacetic Acid; Nitrilotriacetic Acid; Nitrilotris(methylenecarboxylic Acid); Titriplex I; Triglycine; Triglycollamic Acid; Trilon AS; Tris(carboxymethyl)amine; Tris(hydroxycarbonylmethyl)amine; Versene NTA Acid; α,α',α'' -Trimethylaminetricarboxylic Acid;

Product: Nitrilotriacetic Acid

Structure:



Molecular Formula:

$C_6H_9NO_6$

Molecular weight:

191.14

Source of Product:

N/A

Solubility:

Aqueous Base (Slightly, Sonicated), DMSO (Sparingly, Heated, Sonicated), Methano

Lot Number: 2-GBL-104-1

Purity: 98%

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

Storage Condition: 4°C

2. Warning

Warning 1: Not Determined

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

Additional Information:

TLC Conditions: C18; Acetonitrile : Water : Acetic Acid = 8 : 2 : 0.1; Visualized with KMnO₄; Single Spot, R_f = 0.45.

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
Eric Beaton	Toni Rantanen	My Nguyen	3/13/2020	3/11/2027
				