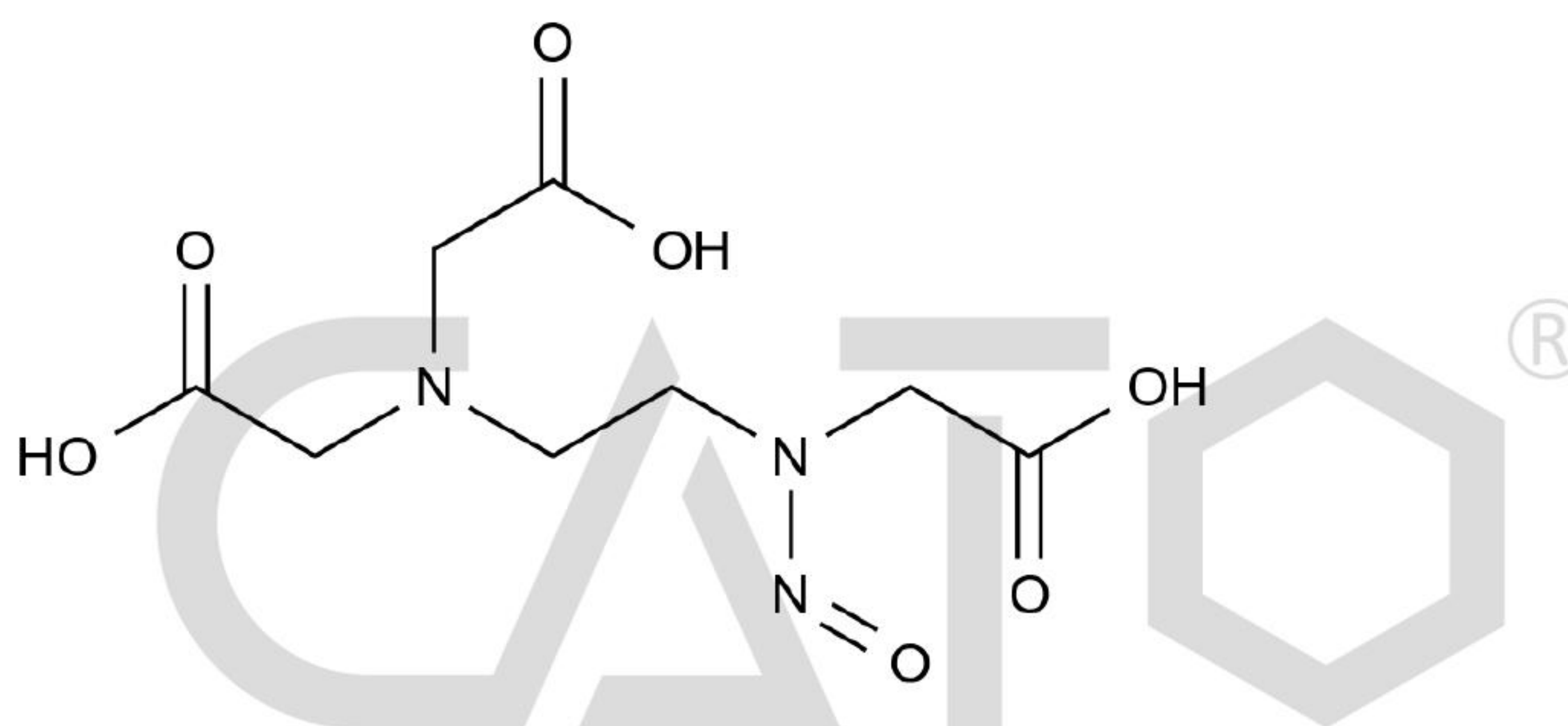


Certificate of Analysis

Reference Material & Standard

Product Name:	Triacetic Acid Impurity 3	Catalogue Number:	C4X-25543
Synonyms:	N/A	Lot Number:	0715-RH-0060
CAS Number:	862542-34-5	Expiry Date:	Jul 12, 2030
Molecular Formula:	C ₈ H ₁₃ N ₃ O ₇	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	263.20	Shipping Condition:	Shipping with Ice Packs

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.798%
Residue on Ignition	TGA	2.7101%
Loss on Drying	TGA	0.0123%
Assay		97.1%

Comment:

The calculation of the mass balance method follows the formula (calculated on the non-dried basis):

Assay (%) = (100% - Residue on Ignition - Loss on Drying) * Purity HPLC (%) / 100%

Residue on Ignition and Loss on Drying are considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Koi

Reviewed by:

Lisa

Approved by General Manager:

David

Date: Jul 17, 2026

Date: Jul 17, 2026

Date: Jul 17, 2026



Add: 3rd Floor, Building B, No.179, Guangpu Rd East, Huangpu District, Guangzhou, China

Tel: +86-20-81960175

Email: supports@cato-chem.com

Web: <https://www.cato-chem.com>

