

# CERTIFICATE OF ANALYSIS

(Certificate No. KMT002001-01)

Release Date: 20/02/2024

Re-test Date: 19/02/2027

## N-Nitroso Tranexamic Acid EP Impurity A

### Identification

**Chemical Name :**

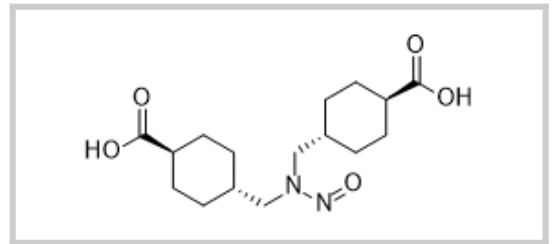
(1R,1'R,4r,4'r)-4,4'-((nitrosoazanediyl)bis(methylene))dicyclohexanecarboxylic acid (Mixture of E/Z Isomer)

CAT No. : KMT002001

CAS No. : Not Available

Molecular Formula : C<sub>16</sub>H<sub>26</sub>N<sub>2</sub>O<sub>5</sub>

Molecular Weight : 326.39



### Analytical Information

Batch No. : TRA-EPA-N-NO-073-080

Solubility : ACN

Description : Off White Solid

Mass : Confirm

HPLC Purity : 96.90 %

IR : Confirm

Weight Loss By TGA : 0.34 %

<sup>1</sup>H NMR : Confirm

% Potency : 96.57 %

<sup>13</sup>C NMR : Confirm

### Additional Information

Long Term Storage : Store at 2-8 deg. C for long term storage

Shipping Condition : Product is stable to be shipped at room temperature

% Potency = [100 - 0.34(Weight Loss By TGA)] x [96.90(HPLC Purity)]/100 = 96.57 %  
-Mixture of Isomers

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		06/01/2025
Reviewed & Approved By	Quality Control	Jatin Patel		06/01/2025

Attachments : COA, HPLC, MASS, <sup>1</sup>HNMR, <sup>13</sup>CNMR, IR and TGA