

CERTIFICATE OF ANALYSIS

(Certificate No. KMA008012-01)

Release Date: 07/03/2025

Re-test Date: 06/03/2028

Aminocaproic Acid Trimer Impurity

Identification

Chemical Name :

6-(6-(6-Aminohexanamido)hexanamido)hexanoic acid

Alt. Name

: Caprolactam trimer ; Tris- α -aminocaproic acid

CAT No.

: KMA008012

CAS No.

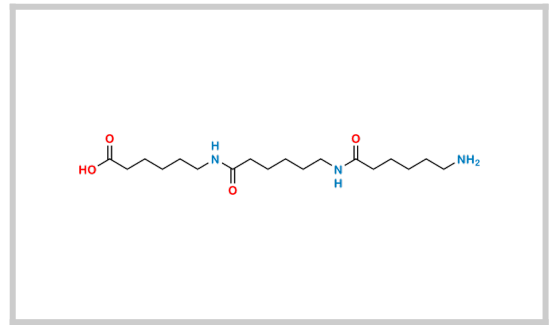
: 5776-78-3

Molecular Formula

: C₁₈H₃₅N₃O₄

Molecular Weight

: 357.5



Analytical Information

Batch No.

: AMI-TRIMER-030-352

Solubility

: Water

Description

: Off White Solid

Mass

: Confirm

HPLC Purity

: 95.88 %

IR

: Confirm

Weight Loss By TGA

: 0.92 %

¹H NMR

: Confirm

% Potency

: 95 %

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 - 0.92(Weight Loss By TGA)] x [95.88(HPLC Purity)]/100 = 95 %

-Re-tested on 07.03.2025

Recommendation

: Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		08/03/2025
Reviewed & Approved By	Quality Control	Jatin Patel		08/03/2025

Attachments : COA, HPLC, MASS, ¹H NMR, IR and TGA