

CERTIFICATE OF ANALYSIS

(Certificate No. KMT002011-01)

Release Date: 13/11/2024

Re-test Date: 12/11/2027

Tranexamic Acid Impurity F

Identification

Chemical Name :

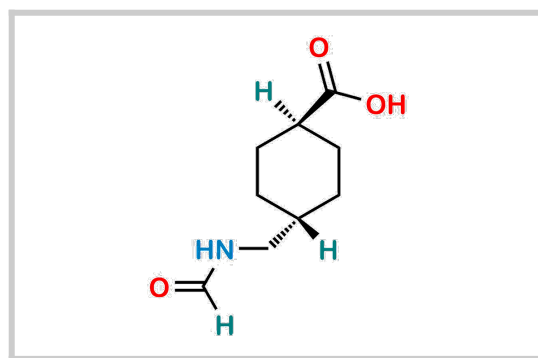
(1r,4r)-4-(formamidomethyl)cyclohexane-1-carboxylic acid

CAT No. : KMT002011

CAS No. : 1599413-49-6

Molecular Formula : C₉H₁₅NO₃

Molecular Weight : 185.2



Analytical Information

Batch No. : T002011-091-022

Description : Off White Solid

HPLC Purity : 98.92 %

Weight Loss By TGA : 2.30 %

% Potency : 96.64 %

Solubility : Water

Mass : Confirm

IR : Confirm

¹H 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 - 2.30(Weight Loss By TGA)] x [98.92(HPLC Purity)]/100 = 96.64 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		15/11/2024
Reviewed & Approved By	Quality Control	Jatin Patel		15/11/2024

Attachments : COA, HPLC, MASS, ¹HNMR, IR and TGA