

CERTIFICATE OF ANALYSIS

(Certificate No. KML020030-01)

Release Date: 24/03/2025

Re-test Date: 23/03/2028

Levetiracetam Impurity A

Identification

Chemical Name :

(S)-N-(1-Amino-1-oxobutan-2-yl)-4-chlorobutanamide

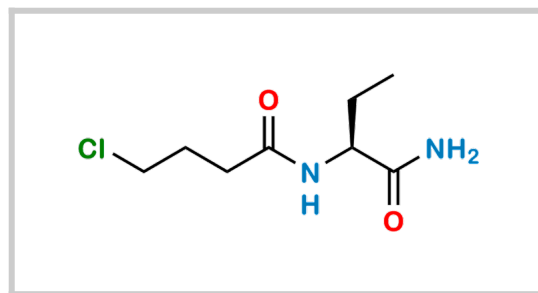
Alt. Name : Levetiracetam Related Compound A

CAT No. : KML020030

CAS No. : 102767-31-7

Molecular Formula : C₈H₁₅ClN₂O₂

Molecular Weight : 206.7



Analytical Information

Batch No. : L020030-091-285

Solubility : ACN : Water (1:1)

Description : Off White Solid

Mass : Confirm

HPLC Purity : 98.74 %

IR : Confirm

Weight Loss By TGA : 0.49 %

¹H NMR : Confirm

% Potency : 98.26 %

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 - 0.49(Weight Loss By TGA)] x [98.74(HPLC Purity)]/100 = 98.26 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		05/05/2025
Reviewed & Approved By	Quality Control	Jatin Patel		05/05/2025

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