

CERTIFICATE OF ANALYSIS

(Certificate No. KML020009-01)

Release Date: 19/06/2026

Re-test Date: 18/06/2029

Levetiracetam Impurity A

Identification

Chemical Name :
(2RS)-2-(2-Oxopyrrolidin-1-yl)butanoic acid

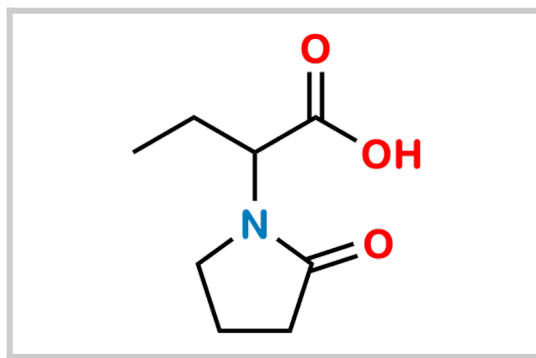
Alt. Name : Levetiracetam Carboxylic Acid
Racemate

CAT No. : KML020009

CAS No. : 67118-31-4

Molecular Formula : C₈H₁₃NO₃

Molecular Weight : 171.2



Analytical Information

Batch No. : L020009-136-042

Description : White Solid

HPLC Purity : 99.50 %

Weight Loss By TGA : 0.21 %

% Potency : 99.29 %

Solubility : Acetonitrile

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 - 0.21(Weight Loss By TGA)] x [99.50(HPLC Purity)]/100 = 99.29 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		19/06/2026
Reviewed & Approved By	Quality Control	Jatin Patel		19/06/2026

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