CERTIFICATE OF ANALYSIS

(Certificate No. KML020009-01)

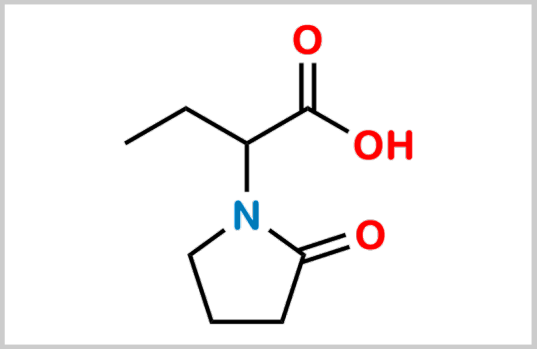
Release Date: 19/06/2026 **Re-test Date:** 18/06/2029

LEVETIRACETAM(LCTRC-4) IMPURITY

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	**Solubility**	: Acetonitrile
Description	: White Solid	**Mass**	: Confirm
HPLC Purity	: 99.50 %	**IR**	: Confirm
Weight Loss By TGA	: 0.21 %	**1H NMR**	: Confirm
% Potency	: 99.29 %		

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, 1HNMR, IR and TGA