

CERTIFICATE OF ANALYSIS

(Certificate No. KML020014-01)

Release Date: 23/01/2025

Re-test Date: 22/01/2028

LEVETIRACETAM(LCTRC-2) IMPURITY STD

Identification

Chemical Name :

(S)-2-Aminobutanamide hydrochloride

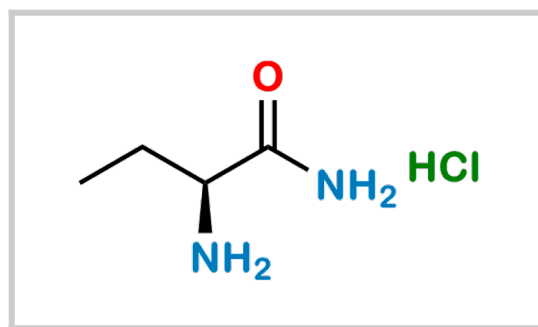
Alt. Name : Levetiracetam USP Related Compound B

CAT No. : KML020014

CAS No. : 7682-20-4

Molecular Formula : C₄H₁₀N₂O : HCl

Molecular Weight : 102.1 : 36.5



Analytical Information

Batch No. : L020014-091-170

Description : White Solid

HPLC Purity : 99.83 %

Weight Loss By TGA : 0.40 %

% Potency : 99.43 %

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 - 0.40(Weight Loss By TGA)] x [99.83(HPLC Purity)]/100 = 99.43 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		24/01/2025
Reviewed & Approved By	Quality Control	Jatin Patel		24/01/2025

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