

# CERTIFICATE OF ANALYSIS

(Certificate No. KML020014-01)

Release Date: 23/01/2025

Re-test Date: 22/01/2028

## Levetiracetam Impurity-G BPCRS

### Identification

**Chemical Name :**  
(S)-2-Aminobutanamide hydrochloride

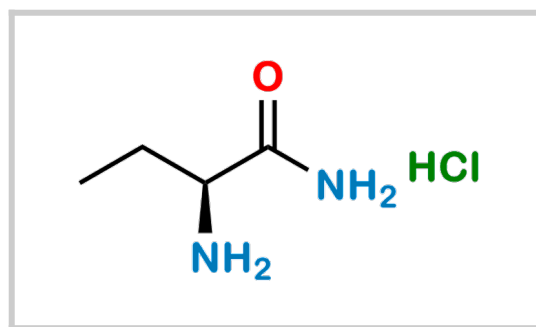
**Alt. Name** : Levetiracetam USP Related  
Compound B

**CAT No.** : KML020014

**CAS No.** : 7682-20-4

**Molecular Formula** : C<sub>4</sub>H<sub>10</sub>N<sub>2</sub>O : 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

**<sup>1</sup>H 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
<b>Prepared By</b>	Analytical	Jignesh Patel		24/01/2025
<b>Reviewed &amp; Approved By</b>	Quality Control	Jatin Patel		24/01/2025

**Attachments** : COA, HPLC, MASS, <sup>1</sup>HNMR, IR and TGA