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## CERTIFICATE OF ANALYSIS

Analysis Date: Apr 2025

Re-test Date: Mar 2028

**Product Name: Levetiracetam EP Impurity G**

### Identification:

Chemical Name: (S)-2-aminobutanamide hydrochloride

Synonyms : Levetiracetam USP Related  
Compound B

CAS Number : 7682-20-4

CAT Number : CP-L13007

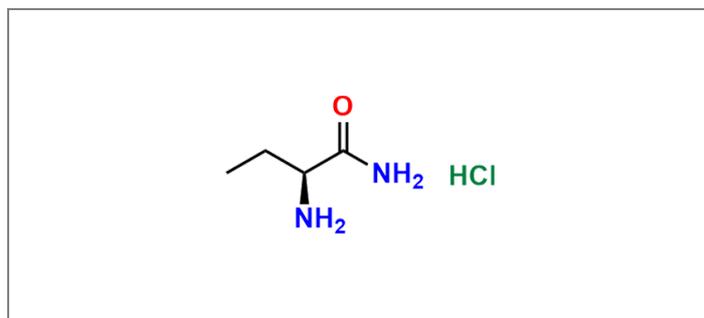
Molecular Formula : C<sub>4</sub>H<sub>10</sub>N<sub>2</sub>O : HCl

Molecular Weight : 102.14 : 36.46

Batch Number : CHEM-LEV-B

Storage Condition : Tightly closed, Inert atmosphere at 2 to 8° C

Shipping condition : All Products are stable to be shipped at room temperature, if specific condition required it is  
mention in the COA



### Analytical Information:

Sr. No.	Test	Result
1)	Description	White Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	96.78%
5)	<sup>1</sup> H NMR	Confirm to structure
6)	<sup>13</sup> C NMR	Confirm to Structure
7)	IR	Confirm to Structure



Prepared and Reviewed By

Ms Priyanka Salunkhe  
(Quality Control)

Approved By

Ms Rohini Gagare  
(Quality Assurance)

Note: Product supplied by Chemicea are for R&D purpose only and not for human consumptions.