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## CERTIFICATE OF ANALYSIS

Analysis Date: Feb 2024

Re-test Date: Jan 2027

**Product Name: Gabapentin EP Impurity B**

### Identification:

Chemical Name: (1-cyanocyclohexyl)acetic acid

Synonyms : Gabapentin USP Related  
Compound B

CAS Number : 133481-09-1

CAT Number : CP-G3002

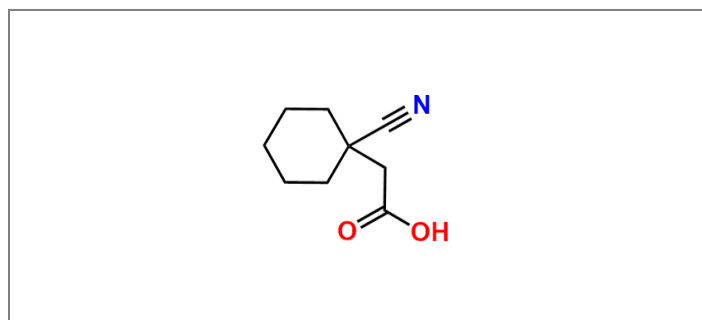
Molecular Formula : C<sub>9</sub>H<sub>13</sub>NO<sub>2</sub>

Molecular Weight : 167.21

Batch Number : CP-GAB-B-1023

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	Off White Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	96.37%
5)	<sup>1</sup> H NMR	Confirm to structure
6)	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.