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CERTIFICATE OF ANALYSIS

Analysis Date: May 2025

Re-test Date: Apr 2028

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

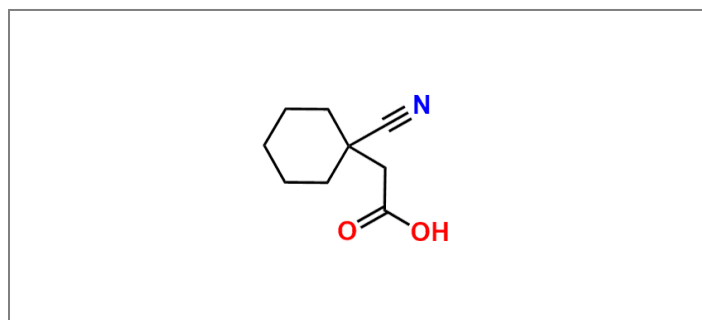
Molecular Formula : C₉H₁₃NO₂

Molecular Weight : 167.21

Batch Number : CP-GAB-B-0525

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	Pale Yellow Hygroscopic Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to Structure by
4)	Purity by HPLC	98.13%
5)	¹ H NMR	Confirm to Structure
6)	¹³ 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.