CERTIFICATE OF ANALYSIS

(Certificate No. KMG002014-01)

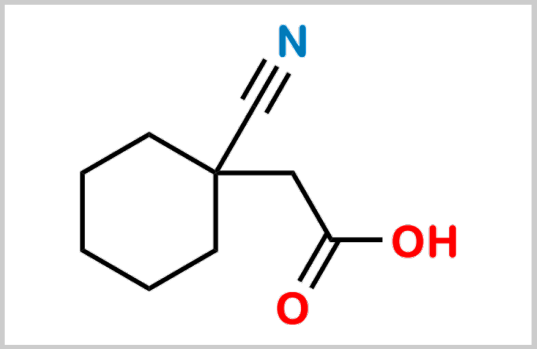
Release Date: 17/03/2026 **Re-test Date:** 16/03/2029

GABAPENTIN IMPURITY B

Identification

Chemical Name :
(1-Cyanocyclohexyl)acetic acid

Alt. Name	: Gabapentin USP Related Compound B
CAT No.	: KMG002014
CAS No.	: 133481-09-1
Molecular Formula	: C9H13NO2
Molecular Weight	: 167.2



Analytical Information

Batch No.	: SR-RKZ-0064-099
Description	: White Solid
HPLC Purity	: 98.80 %
Weight Loss By TGA	: 0.09 %
% Potency	: 98.71 %
Solubility	: CDCL3 and Methanol
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 - 0.09(Weight Loss By TGA)] x [98.80(HPLC Purity)]/100 = 98.71 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		17/03/2026
Reviewed & Approved By	Quality Control	Jatin Patel		17/03/2026

Attachments : COA, HPLC, MASS, 1HNMR, IR and TGA