# **CERTIFICATE OF ANALYSIS**

(Certificate No. KMG002016-01)

**Release Date:** 24/09/2025 **Re-test Date:** 23/09/2028

# **Gabapentin EP Impurity E**

## **Identification**

#### **Chemical Name:**

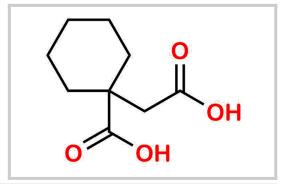
1-(Carboxymethyl)cyclohexanecarboxylic acid

**Alt. Name** : Gabapentin USP Related Compound

E; Gabapentin Diacid;

**CAT No.** : KMG002016 **CAS No.** : 67950-95-2 **Molecular Formula** : C9H14O4

Molecular Weight : 186.2



# **Analytical Information**

Batch No.: G002016-210Mass: ConfirmDescription: Off white solidIR: ConfirmHPLC Purity: NLT 95.1 %1H NMR: Confirm

Weight Loss By TGA : NLT 0.1 %

**% Potency** : 95 %

### **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 =**  $[100 - 0.1(Weight Loss By TGA)] \times [95.1(HPLC Purity)]/100 = 95 \%$ 

**Recommendation** : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		24/09/2025
Reviewed & Approved By	Quality Control	Jatin Patel		24/09/2025

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