

Registered Address: Chemicea Pharmaceuticals Pvt Ltd, Platinum Springs,
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CERTIFICATE OF ANALYSIS

Analysis Date: Mar 2025

Re-test Date: Feb 2028

Product Name: Gabapentin EP Impurity E

Identification:

Chemical Name: 1-(Carboxymethyl)cyclohexanecarboxylic acid

Synonyms : Gabapentin USP Related
Compound E ; Gabapentin
Diacid

CAS Number : 67950-95-2

CAT Number : CP-G3005

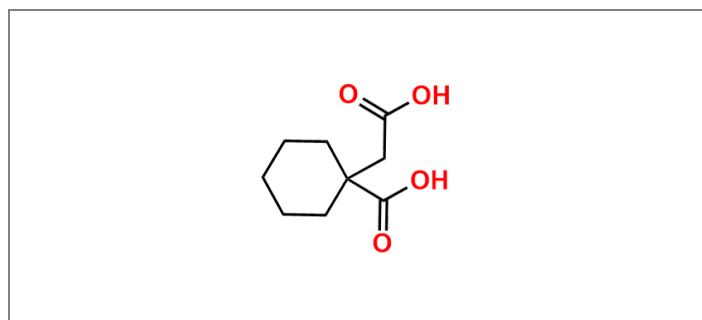
Molecular Formula : C₉H₁₄O₄

Molecular Weight : 186.21

Batch Number : CP-GAB-E-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 to Light Beige Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	93.95 %
5)	¹ H NMR	Confirm to structure
6)	¹³ C NMR	Confirm to Structure
7)	IR	Confirm to structure
8)	Weight loss by TGA	0.658 %
9)	Potency by TGA	93.33 %



Prepared and Reviewed By

A handwritten signature in blue ink, appearing to be "Priyanka Salunkhe".

Ms Priyanka Salunkhe
(Quality Control)

Approved By

A handwritten signature in blue ink, appearing to be "Rohini Gagare".

Ms Rohini Gagare
(Quality Assurance)

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