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CERTIFICATE OF ANALYSIS

Analysis Date: Dec 2025

Re-test Date: Nov 2026

Product Name: Gabapentin EP Impurity D

Identification:

Chemical Name: (1-(3-oxo-2-aza-spiro[4.5]dec-2-ylmethyl)-cyclohexyl)acetic acid

Synonyms : Gabapentin USP Related
Compound D

CAS Number : 1076198-17-8

CAT Number : CP-G3004

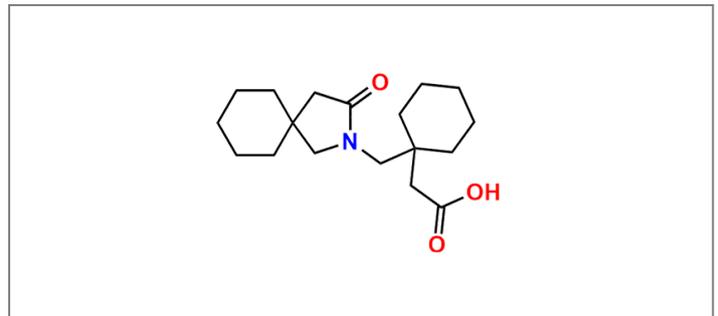
Molecular Formula : C₁₈H₂₉NO₃

Molecular Weight : 307.43

Batch Number : CHEM-GAB-D

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	White Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	96.09%
5)	¹ HNMR	Confirm to structure
6)	Weight loss by TGA	-
7)	Potency by TGA	-



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.