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CERTIFICATE OF ANALYSIS

Analysis Date: Feb 2025

Re-test Date: Jan 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

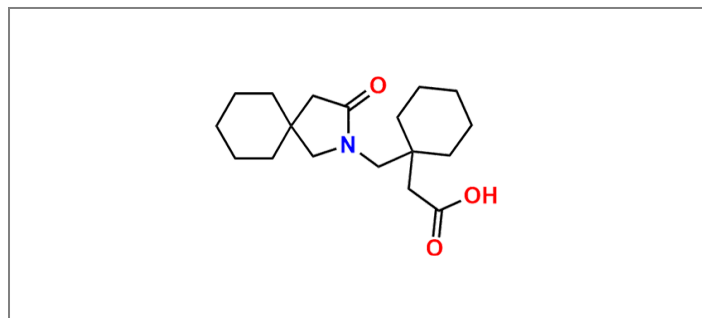
Molecular Formula : C₁₈H₂₉NO₃

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	96.23%
5)	H1NMR	Confirm to structure
6)	13CNMR	Confirm to Structure
7)	IR	Confirm to Structure



Prepared and Reviewed By

Ms Priyanka Salunkhe
(Manager QC Analytical)

Approved By

Ms Rohini Gagare
(QA Head)

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