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CERTIFICATE OF ANALYSIS

Analysis Date: Jun 2024

Re-test Date: May 2027

Product Name: Alogliptin Impurity 52

Identification:

Chemical Name: 6-Chloro-3-methylpyrimidine-2,4(1H,3H)-dione

Synonyms : NA

CAS Number : 4318-56-3

CAT Number : CP-A13029

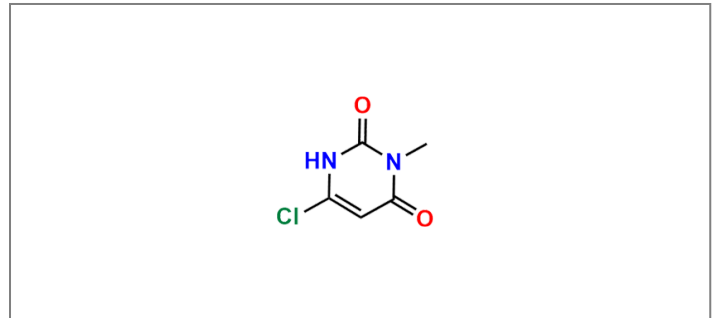
Molecular Formula : C₅H₅ClN₂O₂

Molecular Weight : 160.56

Batch Number : CP-ALO-52-0624

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	99.55%
5)	H1NMR	Confirm to structure
6)	13CNMR	Confirm to structure
7)	Weight loss by TGA	0.196%
8)	Potency by TGA	99.35%



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.