

Analysis Date: 14-01-2025

Re-test Date: 14-01-2028

ALOGLIPTIN IMPURITY 33

Identification

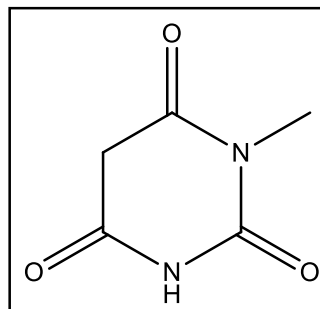
Chemical Name : 1-Methylpyrimidine-2,4,6(1H,3H,5H)-trione

CAT No : ALL-ALO- 5471

CAS No : 2565-47-1

Molecular Formula : C₅H₆N₂O₃

Molecular Weight : 142.1



Analytical Information

Batch Code	: ALL-ALE- 5471	HPLC Purity	: 96.99 %
Solubility	: MeOH: ACN	Potency	: 95.93 %
Appearance of Product	: Off White Solid	Mass	: Confirm
Long Term Storage	: 2-8 ⁰ C	IR Analysis	: Confirm
Water Content By TGA	: 1.074 %	¹H NMR	: Confirm
Residue Of Ignition	: 0.018 %		

Additional Information

%Potency = [100 - (Residue % + Water %) × Chromatographic Purity%]/100 =

[100 – (1.074+0.018) × 96.99]/100 = 95.93 %

Recommendation : Released

	Department	Name	Signature
Prepared and Reviewed by	Analytical	Mr. Swapnil Kausatkar Jr. Executive	
Approved By	QA&QC	Dr. Ashish Keche Director QA&QC	

Attachment : HPLC, Mass, ¹H NMR, IR, TGA

Shipping Condition : All Product are stable to be shipped at room temperature, unless otherwise specified

Corporate Office