

Analysis Date: 14-01-2025

Re-test Date: 14-01-2028

ALOGLIPTIN IMPURITY 21

Identification

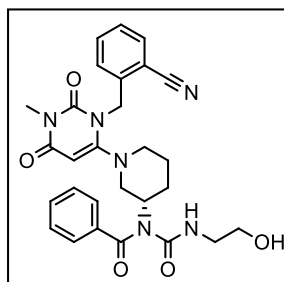
Chemical Name : (S)-N-(1-(3-(2-Cyanobenzyl)-1-methyl-2,6-dioxo-1,2,3,6-tetrahydropyrimidin-4-yl)piperidin-3-yl)-N-((2-hydroxyethyl)carbamoyl)benzamide

CAT No : ALL-ALO- 9236

CAS No : N.A

Molecular Formula : C₂₈H₃₀N₆O₅

Molecular Weight : 530.6


Analytical Information

Batch Code	: ALL-ALE- 9236	HPLC Purity	: 98.09 %
Solubility	: MeOH: ACN	Potency	: 96.87 %
Appearance of Product	: Off White Solid	Mass	: Confirm
Long Term Storage	: 2-8 ⁰ C	IR Analysis	: Confirm
Water Content By TGA	: 1.176 %	¹HNMR	: Confirm
Residue Of Ignition	: 0.061 %		

Additional Information

%Potency = [100 - (Residue % + Water %) × Chromatographic Purity%]/100 =
 [100 - (1.176+0.061) × 98.09]/100 = 96.87 %

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