

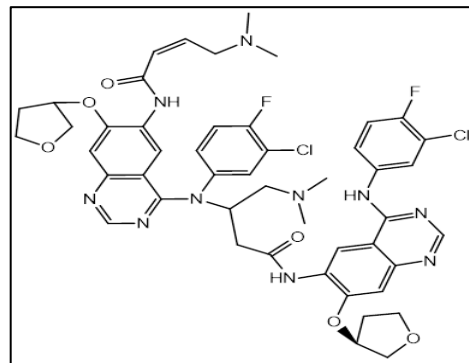
Analysis Date: 10-05-2025

Re-test Date: 10-05-2028

AFATINIB IMPURITY 10

Identification

Chemical Name	: (E)-N-(4-((3-Chloro-4-fluorophenyl)(4-((4-((3-chloro-4-fluorophenyl)amino)-7-(((S)-tetrahydrofuran-3-yl)oxy)quinazolin-6-yl)amino)-1-(dimethylamino)-4-oxobutan-2-yl)amino)-7-(((S)-tetrahydrofuran-3-yl)oxy)quinazolin-6-yl)-4-(dimethylamino)but-2-enamide
CAT No	: ALL-A07969
CAS No	: N.A
Molecular Formula	: C ₄₈ H ₅₀ Cl ₂ F ₂ N ₁₀ O ₆
Molecular Weight	: 971.9



Analytical Information

Batch Code	: ALL-A07969	HPLC Purity	: 98.06%
Solubility	: MeOH: ACN	Potency	: 96.48%
Appearance of Product	: Off White Solid	Mass	: Confirm
Long Term Storage	: 2-8 °C	IR Analysis	: Confirm
Weight Content By TGA	: 1.267%	¹ HNMR	: Confirm
Residue Of Ignition	: 0.960%		

Additional Information

%Potency = [100 - (Inorganic Impurities % + Water %) × Chromatographic Purity%]/100 =
 [100 - (1.267+0.960) × 98.06]/100 = 96.48%

Recommendation : Released

	Department	Name	Signature
Prepared and Reviewed by	Analytical	Mr. Vipul Khadse 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

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