Certificate Of Analysis

Analysis Date: 10-05-2025 **Re-test Date:** 10-05-2028

AFATINIB IMPURITY 22

Identification

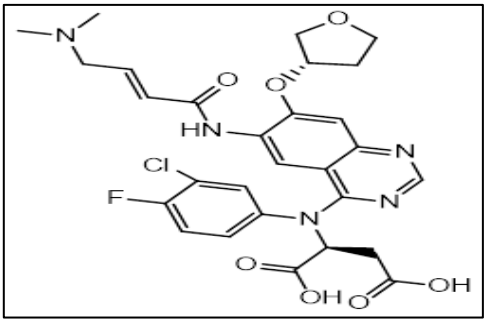
Chemical Name : N-(3-Chloro-4-fluorophenyl)-N-(6-((E)-4-(dimethylamino)but-2-enamido)-7-(((S)-tetrahydrofuran-3-yl)oxy)quinazolin-4-yl)-L-aspartic acid

CAT No : ALL-A08003

CAS No : N.A.

Molecular Formula : C28H29ClFN5O7

Molecular Weight : 601.1



Analytical Information

Batch Code	: ALL-A08003	**HPLC Purity**	: 98.04%
Solubility	: MeOH: ACN	**Potency**	: 96.26%
Appearance of Product	: Off White Solid	**Mass**	: Confirm
Long Term Storage	: 2-8 ^{0}C	**IR Analysis**	: Confirm
Weight Content By TGA	: 0.867%	**1HNMR**	: Confirm
Residue Of Ignition	: 0.943%		

Additional Information

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

[100 – (0.867+0.943) × 98.04]/100 = 96.26%

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

Allmpus Laboratories Pvt Ltd 38, Solitaire Industrial Estate, Plot No.TS-1, Near Nandi Palace Hotel, MIDC-Phase 1, Dombivli (E),Mumbai, Maharashtra 421203