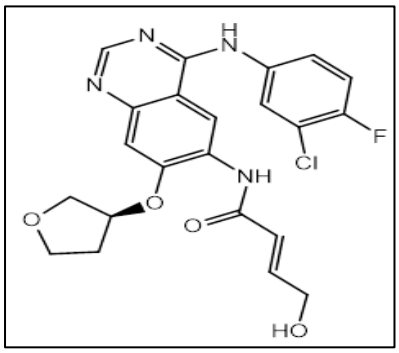
Certificate Of Analysis

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

AFATINIB IMPURITY 12

Identification

Chemical Name : (S,E)-N-(4-((3-Chloro-4-fluorophenyl)amino)-7-((tetrahydrofuran-3-yl)oxy)quinazolin-6-yl)-4-hydroxybut-2-enamide



CAT No : ALL-A07971

CAS No : 2121530-37-6

Molecular Formula : C22H20ClFN4O4

Molecular Weight : 458.9

Analytical Information

Batch Code	: ALL-A07971	**HPLC Purity**	: 98.03%
Solubility	: MeOH: ACN	**Potency**	: 96.48%
Appearance of Product	: Off White Solid	**Mass**	: Confirm
Long Term Storage	: 2-8 ^{0}C	**IR Analysis**	: Confirm
Weight Content By TGA	: 0.855%	**1HNMR**	: Confirm
Residue Of Ignition	: 0.718%		

Additional Information

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

[100 – (0.855+0.718) × 98.03]/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

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