Certificate Of Analysis

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

AFATINIB IMPURITY 24

Identification

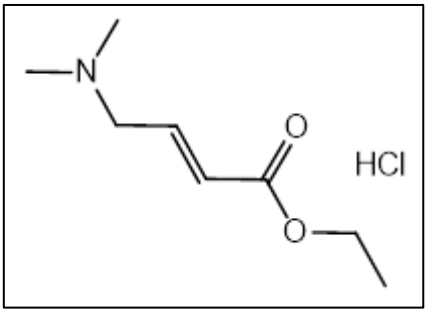
Chemical Name : Ethyl (E)-4-(dimethylamino)but-2-enoate hydrochloride

CAT No : ALL-A07957

CAS No : 1255078-56-8

Molecular Formula : C8H15NO2 : HCl

Molecular Weight : 157.2 : 36.5



Analytical Information

Batch Code	: ALL-A07957	**HPLC Purity**	: 98.01%
Solubility	: MeOH: ACN	**Potency**	: 97.21%
Appearance of Product	: Off White Solid	**Mass**	: Confirm
Long Term Storage	: 2-8 ^{0}C	**IR Analysis**	: Confirm
Weight Content By TGA	: 0.387%	**1HNMR**	: Confirm
Residue Of Ignition	: 0.428%		

Additional Information

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

[100 – (0.387+0.428) × 98.01]/100 = 97.21%

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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