

CERTIFICATE OF ANALYSIS

(Certificate No. SZ-L038001-1203)

Analysis Date: 31/08/2022

Re-test Date: 28/08/2024

Lenvatinib Mesylate In-House Reference Standard

Identification

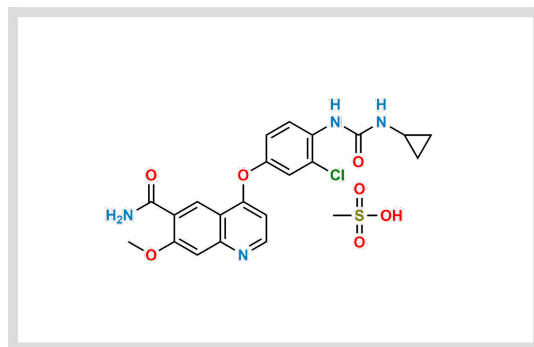
Chemical Name : 4-(3-Chloro-4-(3-cyclopropylureido)phenoxy)-7-methoxyquinoline-6-carboxamide methanesulfonate

CAT No. : SZ-L038001

CAS No. : 857890-39-2

Molecular Formula : C₂₁H₁₉ClN₄O₄ : CH₄O₃S

Molecular Weight : 426.9 : 96.1



Analytical Information

Batch Code	: SRLWS-A064	HPLC Purity	: 99.42 %
Solubility	: Mobile Phase A	Mass	: Confirm
Appearance of product	: Off White Solid	IR Analysis	: Confirm
Long Term Storage	: 2-8 °C for long term storage	¹ H NMR	: Confirm
Weight Loss By TGA	: 0.00 %	¹³ C NMR	: Confirm
Residue On Ignition	: 0.00 %	DEPT Analysis	: Confirm

Additional Information

% Potency = [100 - 0.00 (Wt loss by TGA) - 0.00(ROI)] X [99.42 (HPLC Purity)] / 100 = 99.42 %

Mobile Phase A : Buffer:MeOH (3:7) Buffer: 0.01 M Ammonium Acetate (pH-3.5 with H₃PO₄)

Elemental Analysis (Theoretical) : %C: 50.53 %H: 4.430 %N: 10.71 %S: 6.130

Elemental Analysis (Practical) : %C: 50.48 %H: 3.708 %N: 10.76 %S: 6.225

Recommendation : Released

	Department	Signature	Date
Prepared and Reviewed by	Analytical		
Approved By	Quality Control		

Attachments : HPLC, Mass, ¹H NMR, IR, TGA, ¹³C NMR, DEPT, ROI, CHNS

Shipping Condition : All Products are stable to be shipped at room temperature, unless otherwise specified.