CERTIFICATE OF ANALYSIS

(Certificate No. KMI004001-01)

Release Date: 13/03/2024 **Re-test Date:** 12/03/2027

Imatinib EP Impurity F

Identification

Chemical Name :
6-methyl-N1-(4-(pyridin-3-yl)pyrimidin-2-yl)benzene-1,3-diamine

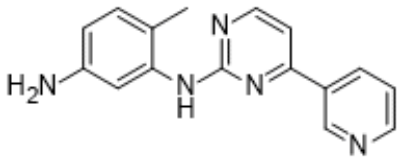
Alt. Name : Imatinib Diamine Impurity

CAT No. : KMI004001

CAS No. : 152460-10-1

Molecular Formula : C16H15N5

Molecular Weight : 277.32



Analytical Information

Batch No.	: IMA-EPF-073-123	**Solubility**	: ACN
Description	: Yellow Solid	**Mass**	: Confirm
HPLC Purity	: 99.44 %	**IR**	: Confirm
Weight Loss By TGA	: 0.20 %	**1H NMR**	: Confirm
% Potency	: 99.24 %		

Additional Information

Long Term Storage : Store at 2-8 deg. C for long term storage

Shipping Condition : Product is stable to be shipped at room temperature

% Potency = [100 - 0.20(Weight Loss By TGA)] x [99.44(HPLC Purity)]/100 = 99.24 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		22/11/2024
Reviewed & Approved By	Quality Control	Jatin Patel		22/11/2024

Attachments : COA, HPLC, MASS, 1HNMR, IR and TGA