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CERTIFICATE OF ANALYSIS

Analysis Date: May 2025

Re-test Date: Apr 2028

Product Name: Imatinib EP Impurity D

Identification:

Chemical Name: 1-Methyl-1,4-bis(4-((4-methyl-3-((4-(pyridin-3-yl)pyrimidin-2-yl)amino)phenyl)carbamoyl)benzyl)piperazin-1-ium

Synonyms : Imatinib IP Impurity D

CAS Number : 1821122-73-9

CAT Number : CP-I5004

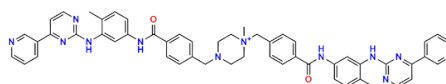
Molecular Formula : C53H51N12O2

Molecular Weight : 888.07

Batch Number : CP-IMA-D-0425

Storage Condition : Tightly closed, Inert atmosphere at 2 to 8° C

Shipping condition : All Products are stable to be shipped at room temperature, if specific condition required it is mention in the COA



Analytical Information:

Sr. No.	Test	Result
1)	Description	Orange Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to Structure
4)	Purity by HPLC	91.29%
5)	¹ HNMR	Confirm to Structure
6)	¹³ CNMR	Confirm to Structure
7)	IR	Confirm to Structure
8)	Weight loss by TGA	4.781%
9)	Potency by TGA	86.92%



Prepared and Reviewed By

A handwritten signature in blue ink, appearing to read "Priyanka Salunkhe".

Ms Priyanka Salunkhe
(Quality Control)

Approved By

A handwritten signature in blue ink, appearing to read "Rohini Gagare".

Ms Rohini Gagare
(Quality Assurance)

Note: Product supplied by Chemicea are for R&D purpose only and not for human consumptions.