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CERTIFICATE OF ANALYSIS

Analysis Date: May 2026

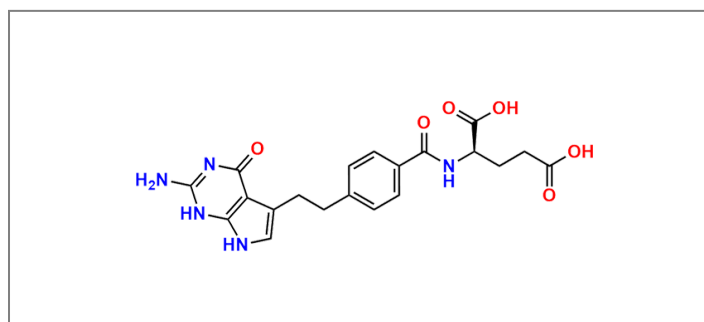
Re-test Date: May 2029

Product Name: Pemetrexed EP Impurity E

Identification:

Chemical Name: (2R)-2-[4-[2-(2-Amino-4-oxo-4,7-dihydro-1H-pyrrolo[2,3-d]pyrimidin-5-yl)ethyl]benzamido]pentanedioic acid

Synonyms : NA
CAS Number : 182009-04-7
CAT Number : CP-P16005
Molecular Formula : C₂₀H₂₁N₅O₆
Molecular Weight : 427.42
Batch Number : CP-34-156



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	Off white Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	Mass Spectrometry	Confirm to Structure
4)	Purity by HPLC	92.33%
5)	¹ HNMR	Confirm to Structure

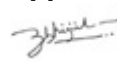


Prepared and Reviewed By



Mr. Shubham Bondre
(Quality Control)

Approved By



Mr. Abhijit Kale
(Quality Assurance)

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