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## CERTIFICATE OF ANALYSIS

Analysis Date:

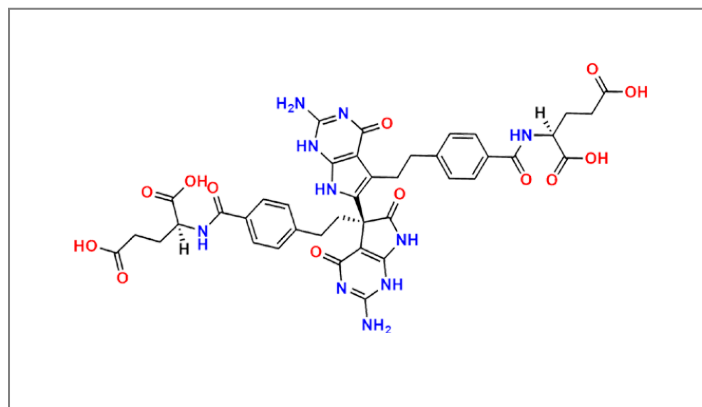
Re-test Date:

**Product Name: Pemetrexed EP Impurity C**

### Identification:

Chemical Name: (2S,2'S)-2,2'-[(4S)-4,5,2-Diamino-4,4,4,6,5,4-trioxo-4,1,4,4,4,6,4,7,5,4,5,7-hexahydro-4,5H,5,1H-4(5,5),5(6,5)-dipyrrolo[2,3-d]pyrimidina-1,8(1)-dibenzenaoctaphane-14,8,4-dicarboxamido]dipentanedioic acid (as per EP)

Synonyms : NA  
CAS Number : 1802552-16-4  
CAT Number : CP-P16003  
Molecular Formula : C<sub>40</sub>H<sub>40</sub>N<sub>10</sub>O<sub>13</sub>  
Molecular Weight : 868.82



### Analytical Information:

Sr. No.	Test	Result
1)	Description	Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	>95%
5)	H1NMR	Confirm to structure

### Prepared and Reviewed By

### Approved By



Ms Priyanka Salunkhe  
(Manager QC Analytical)

Ms Rohini Gagare  
(QA Head)

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