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## CERTIFICATE OF ANALYSIS

Analysis Date:

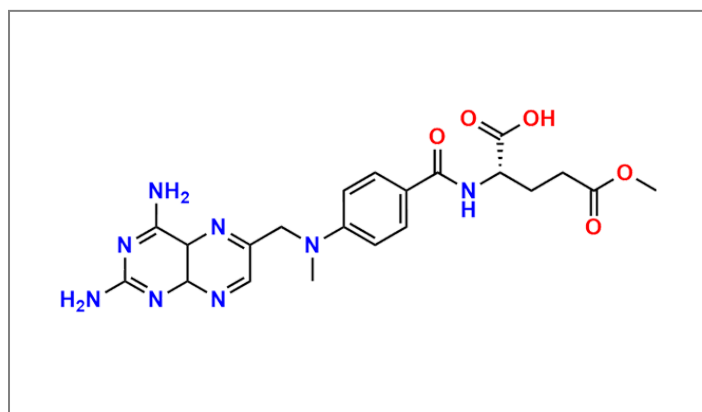
Re-test Date:

**Product Name: Methotrexate EP Impurity H**

### Identification:

Chemical Name: (4S)-4-[[4-[[[(2,4-diaminopteridin-6-yl)methyl]methylamino]benzoyl]amino]-5-methoxy-5-oxopentanoic acid (as per EP)

Synonyms : NA  
CAS Number : 67022-39-3  
CAT Number : CP-M12008  
Molecular Formula : C<sub>21</sub>H<sub>24</sub>N<sub>8</sub>O<sub>5</sub>  
Molecular Weight : 468.5



### 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**

Ms Priyanka Salunkhe  
(Manager QC Analytical)

**Approved By**

Ms Rohini Gagare  
(QA Head)

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