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## CERTIFICATE OF ANALYSIS

Analysis Date: Jun 2023

Re-test Date: May 2026

**Product Name: Pemetrexed Disodium Heptahydrate**

### Identification:

Chemical Name: N-[4-[2-(2-Amino-4,7-dihydro-4-oxo-3H-pyrrolo[2,3-d]pyrimidin-5-yl)ethyl]benzoyl]-L-glutamic Acid Disodium Salt Heptahydrate

Synonyms : NA

CAS Number : 357166-29-1

CAT Number : CP-P16010

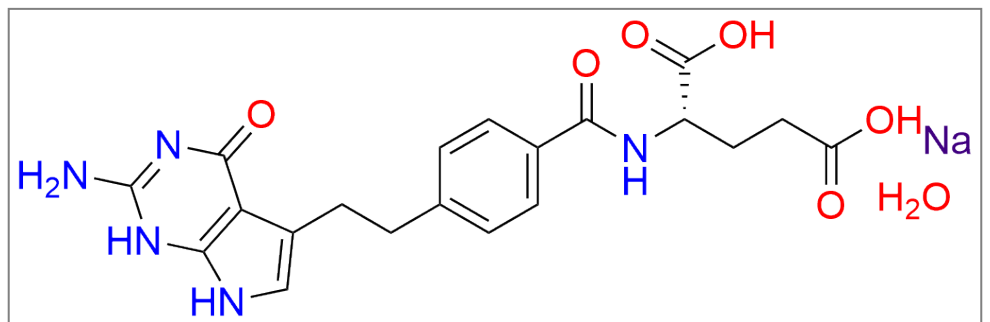
Molecular Formula : C<sub>20</sub>H<sub>21</sub>N<sub>5</sub>O<sub>6</sub> :  
2(Na) : 7(H<sub>2</sub>O)

Molecular Weight : 427.4 : 2(23.0) :  
7(18.0)

Batch Number : CHEM-PRE-DIH-01

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	White Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	99.52%
5)	H1NMR	Confirm to structure
6)	13CNMR	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.