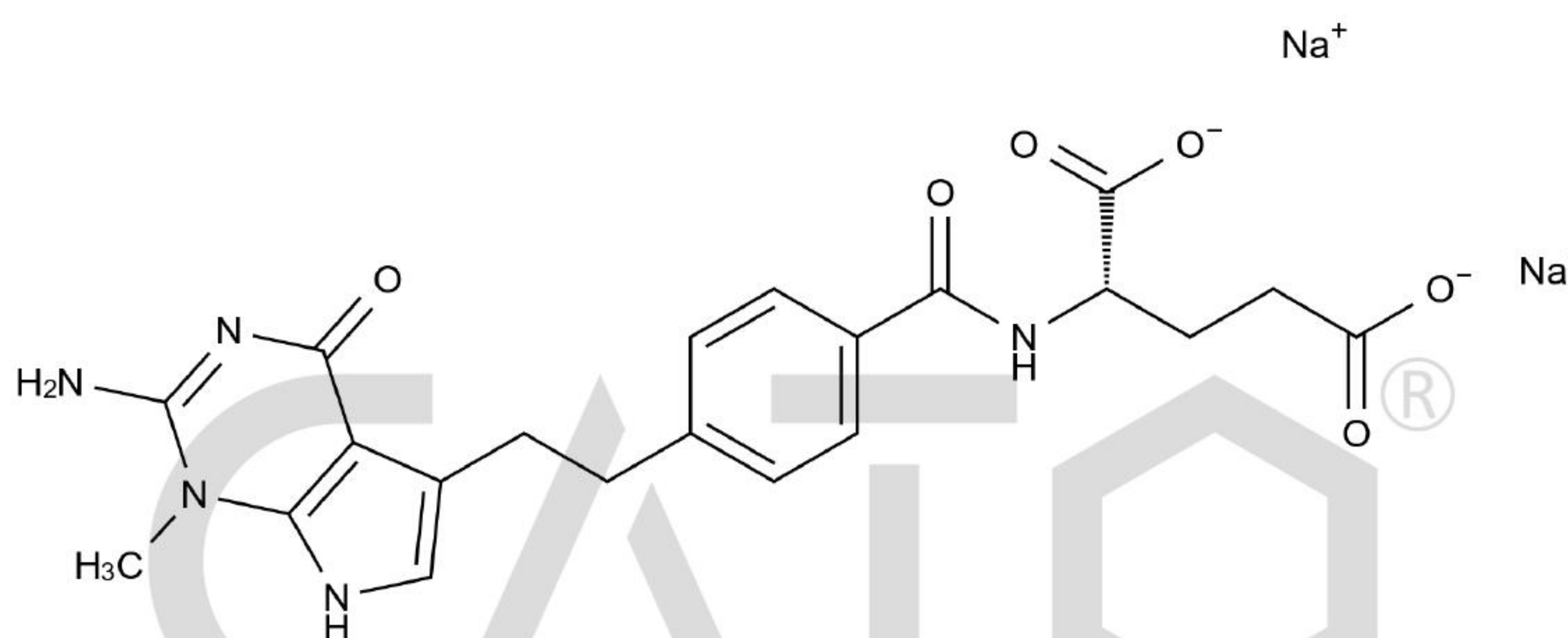


Certificate of Analysis

Reference Material & Standard

Product Name:	Pemetrexed EP Impurity A Disodium salt	Catalogue Number:	C4X-172644
Synonyms:	N/A	Lot Number:	0515-RG-0006
CAS Number:	N/A	Expiry Date:	Mar 19, 2027
Molecular Formula:	C ₂₁ H ₂₁ N ₅ O ₆ 2*Na	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	439.42 2*22.99		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Brown Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	97.458%
Water Content	Karl Fischer	6.90%
Residual Solvents	NMR	Not detected in NMR
Assay		90.7%

Comment:

The calculation of the 100% method follows the formula (calculated on the non-dried basis):

Assay (%) = (100% - Water Content - Residual Solvents) * Purity HPLC (%) / 100%

Water Content and Residual Solvents are considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Lily

Reviewed by:

Hinlam

Approved by General Manager:

David

Date: May 15, 2025

Date: May 15, 2025

Date: May 15, 2025

