

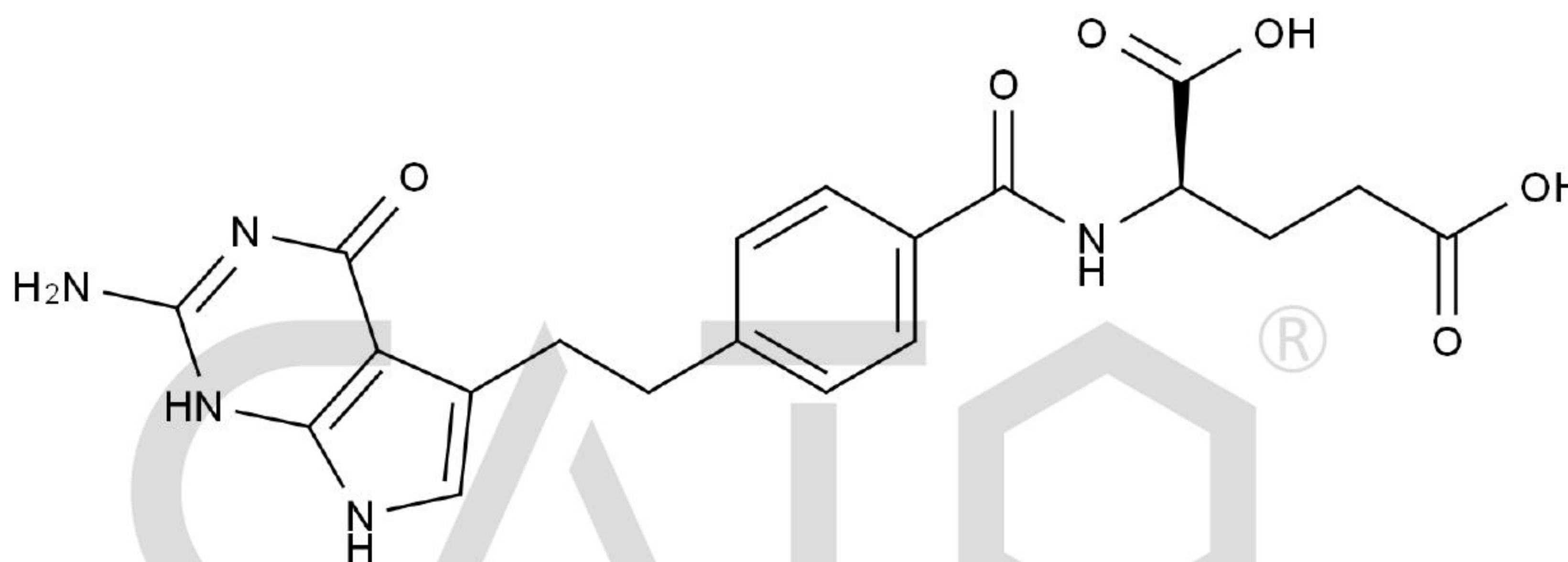
Certificate of Analysis

Reference Material & Standard

Product Name:	Pemetrexed EP Impurity E	Catalogue Number:	C4X-17265
Synonyms:	N/A	Lot Number:	0914-RF-0088
CAS Number:	182009-04-7	Expiry Date:	Sep 19, 2027
Molecular Formula:	C ₂₀ H ₂₁ N ₅ O ₆	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	427.41	Warning:	



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Light Blue Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	98.676%
Loss On Drying	TGA	5.3017%
Assay		93.4%

Comment:

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

Assay (%) = (100% - Loss On Drying) * Purity HPLC (%) / 100%

Loss On Drying is considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Nice

Reviewed by:

Koi

Approved by General Manager:

David

Date: Sep 20, 2024

Date: Sep 20, 2024

Date: Sep 20, 2024

