

Certificate of Analysis

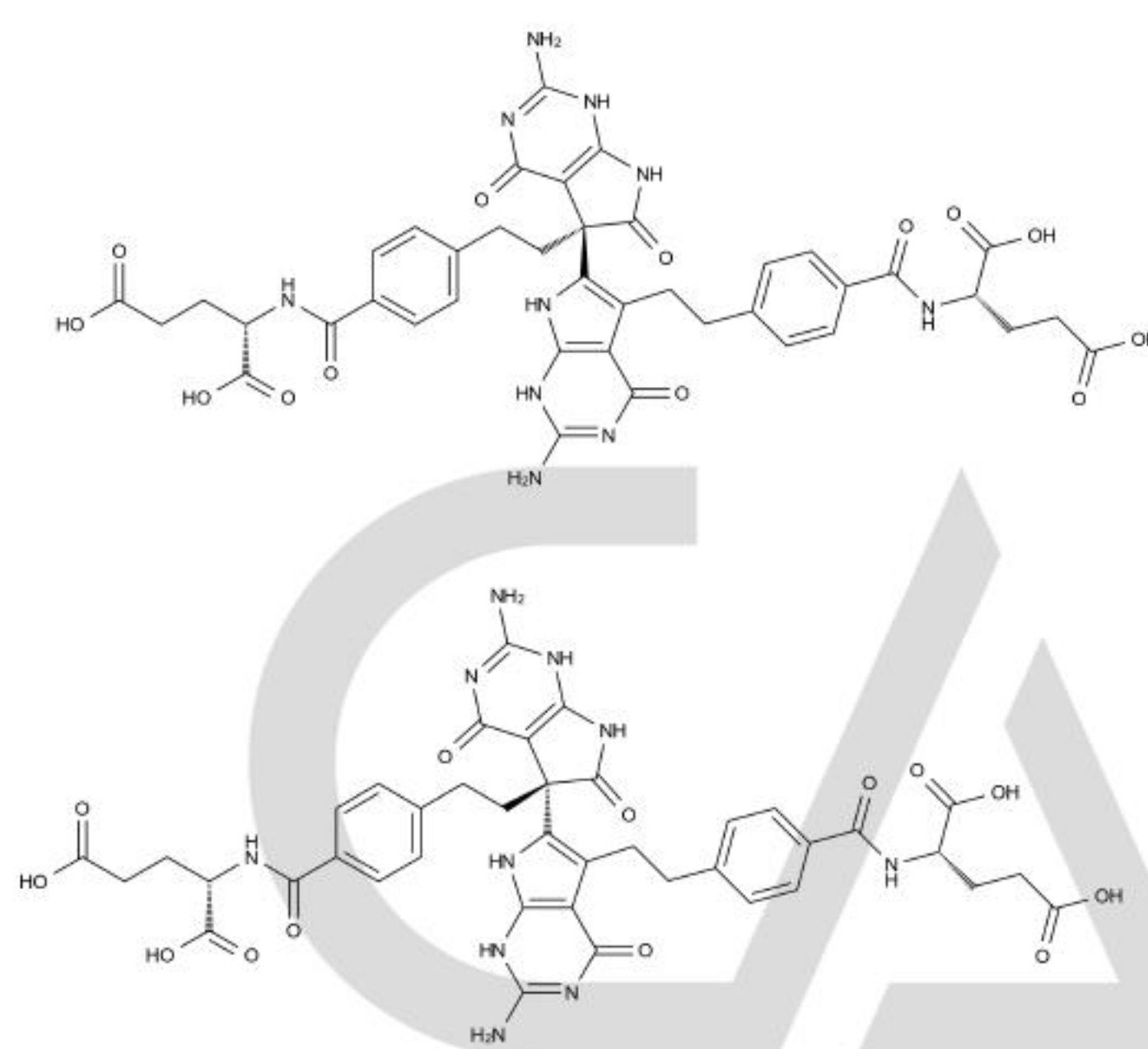
Reference Material & Standard

Product Name:	Pemetrexed EP Impurity B&C	Catalogue Number:	C4X-17266
Synonyms:	N/A	Lot Number:	0912-RG-0069
CAS Number:	N/A	Expiry Date:	Aug 07, 2029
Molecular Formula:	2*C ₄₀ H ₄₀ N ₁₀ O ₁₃	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	2*868.80		

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Pale Yellow Solid
Identification	LCMS&UV&HNMR	Confirmed
Purity	HPLC	98.014 %
Water Content	Karl Fischer	4.86%
Residual Solvents	NMR	Not detected in NMR
Assay		93.3%

Comment:

The calculation of the mass balance 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: Sep 15, 2025

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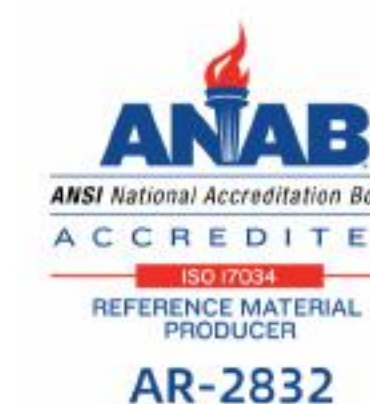
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