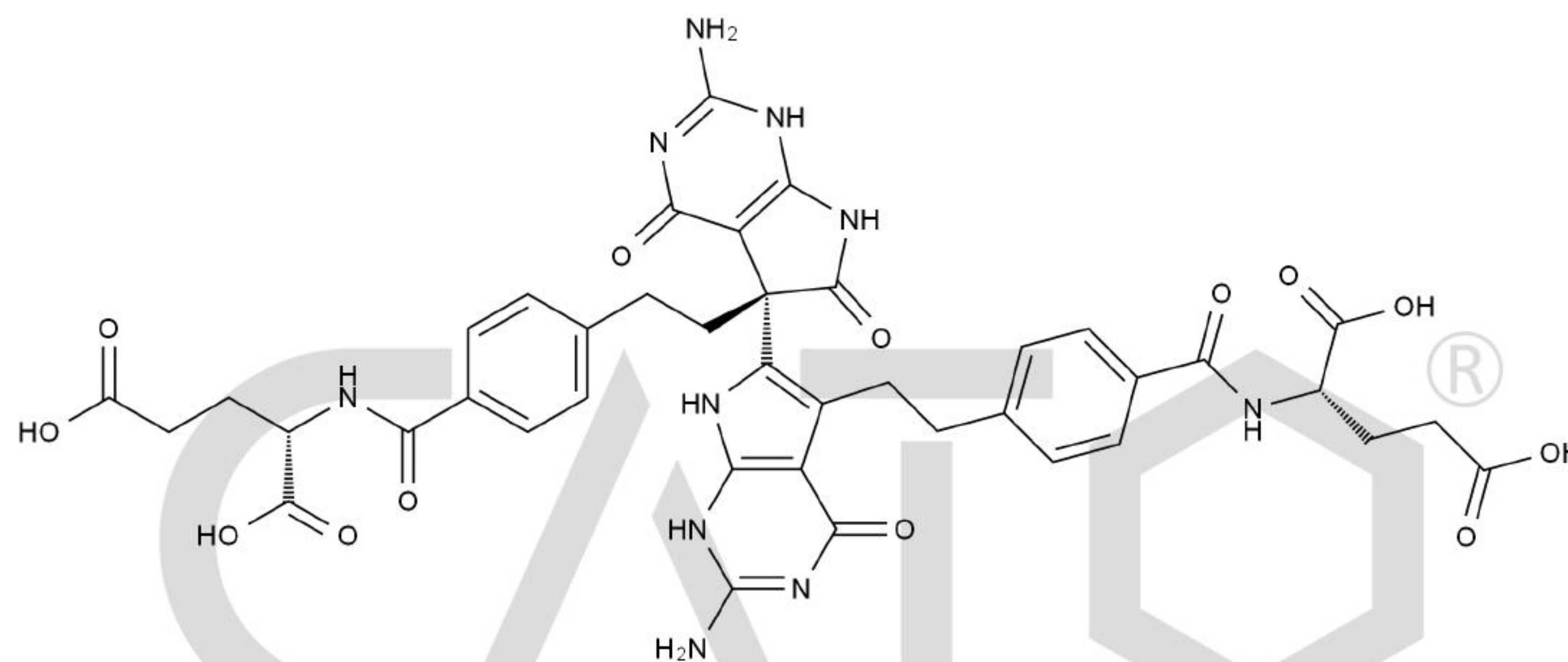


Certificate of Analysis

Reference Material & Standard

Product Name:	Pemetrexed EP Impurity C	Catalogue Number:	C4X-17263
Synonyms:	N/A	Lot Number:	0826-RH-0075
CAS Number:	1802552-16-4	Expiry Date:	Sep 09, 2030
Molecular Formula:	C ₄₀ H ₄₀ N ₁₀ O ₁₃	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	868.80	Shipping Condition:	Shipping at Room Temperature

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Light Yellow Solid
Identification	HRMS&IR&HNMR	Confirmed
Purity	HPLC	98.0225%
Residue on Ignition	TGA	18.1185%
Loss on Drying	TGA	14.4005%
Assay		66.1%

Comment:

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

Assay (%) = (100% - Residue on Ignition - Loss on Drying) * Purity HPLC (%) / 100%

Residue on Ignition and Loss on Drying are considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Koi

Reviewed by:

Lisa

Approved by General Manager:

David

Date: Sep 10, 2026

Date: Sep 10, 2026

Date: Sep 10, 2026



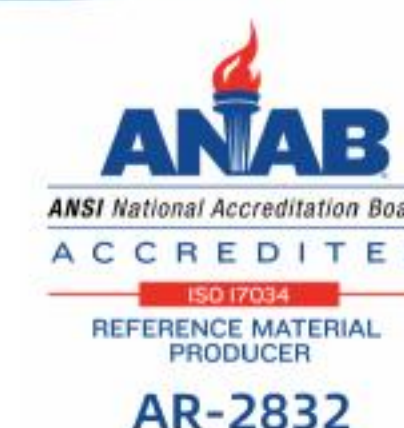
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