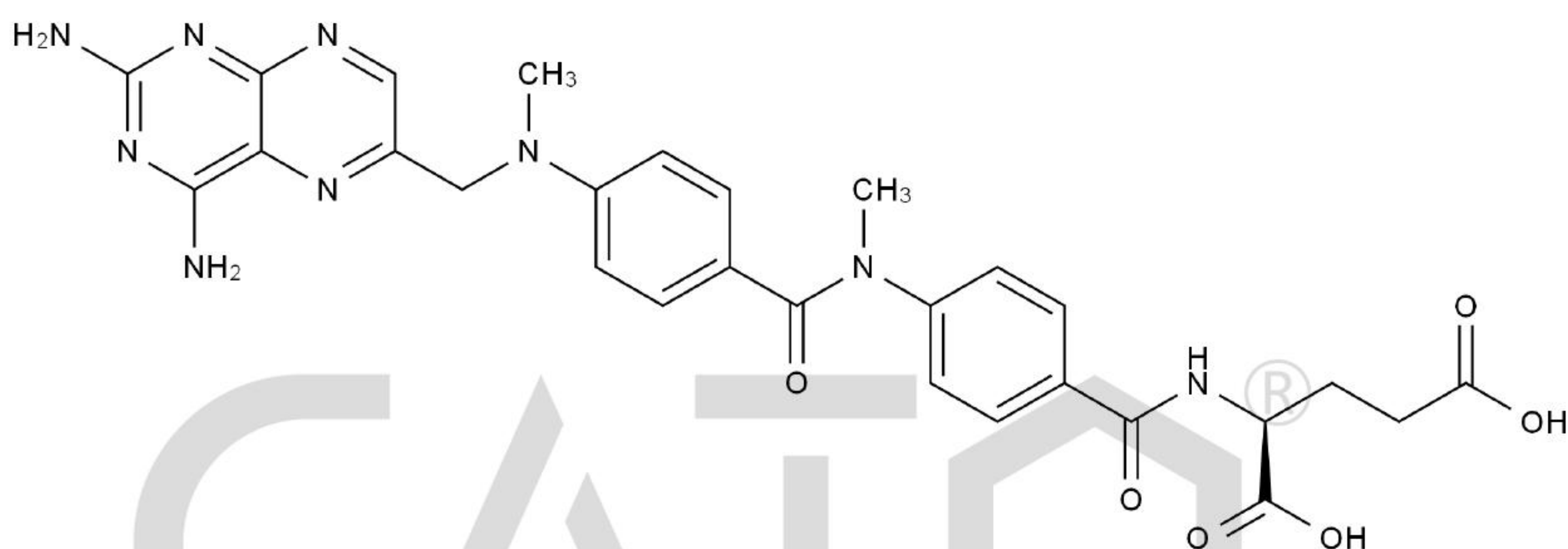


Certificate of Analysis

Reference Material & Standard

Product Name:	Methotrexate EP Impurity G	Catalogue Number:	C4X-11547
Synonyms:	N/A	Lot Number:	0827-RG-0001
CAS Number:	2519848-42-9	Expiry Date:	Aug 25, 2029
Molecular Formula:	C28H29N9O6	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	587.59		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Yellow Solid
Identification	LCMS&IR&CNMR&HNMR	Confirmed
Purity	HPLC	99.373%
Loss On Drying	TGA	2.2698%
Assay		97.1%

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:

Koi

Reviewed by:

Lisa

Approved by General Manager:

David

Date: Aug 27, 2025

Date: Aug 27, 2025

Date: Aug 27, 2025

