

Certificate of Analysis

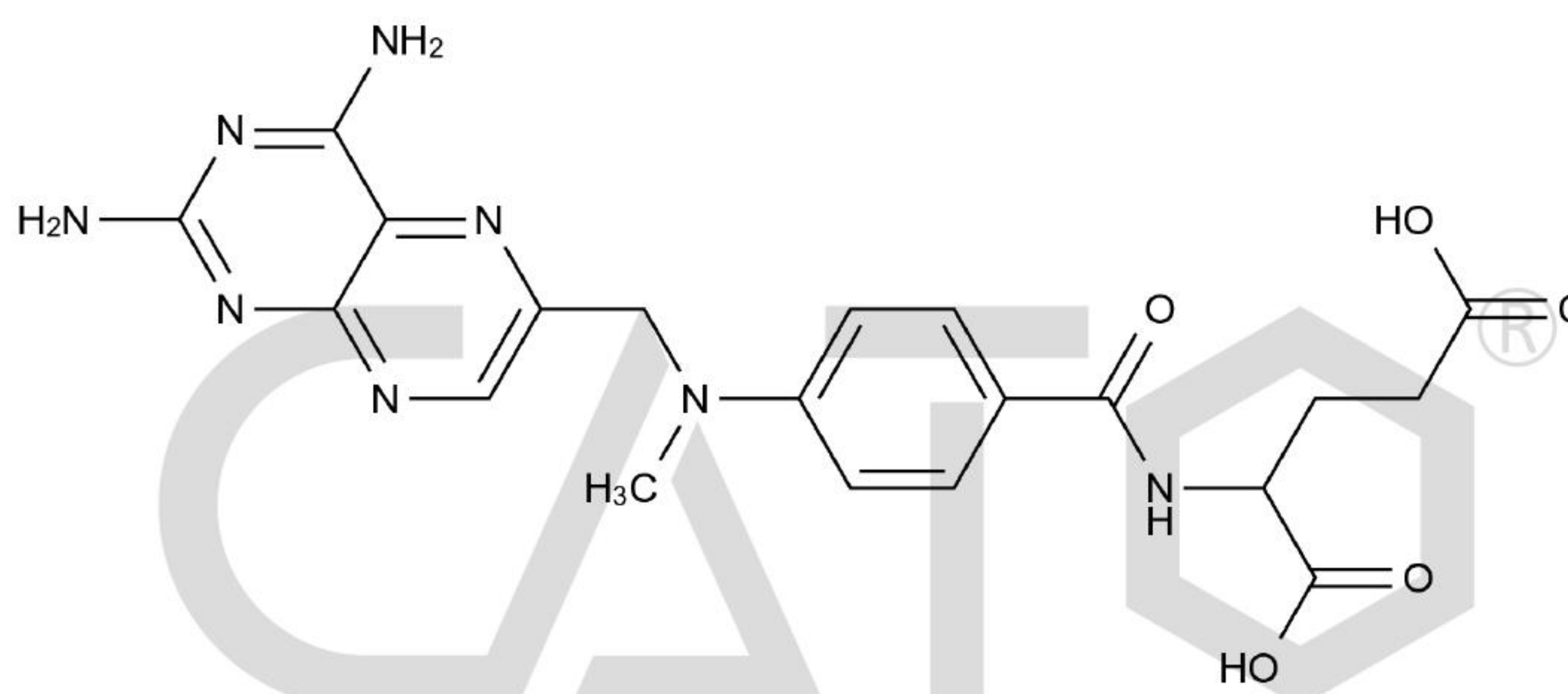
Reference Material & Standard

Product Name:	(+/-)Amethopterin	Catalogue Number:	C1830890
Synonyms:	N/A	Lot Number:	1216-RG-0032
CAS Number:	60388-53-6	Expiry Date:	Dec 17, 2029
Molecular Formula:	C ₂₀ H ₂₂ N ₈ O ₅	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	454.44	Shipping Condition:	Shipping at Room Temperature

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Yellow Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	98.369%
Loss On Drying	TGA	8.0489%
Assay		90.5%

Comment:

The calculation of the mass balance 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: Dec 18, 2025

Date: Dec 18, 2025

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