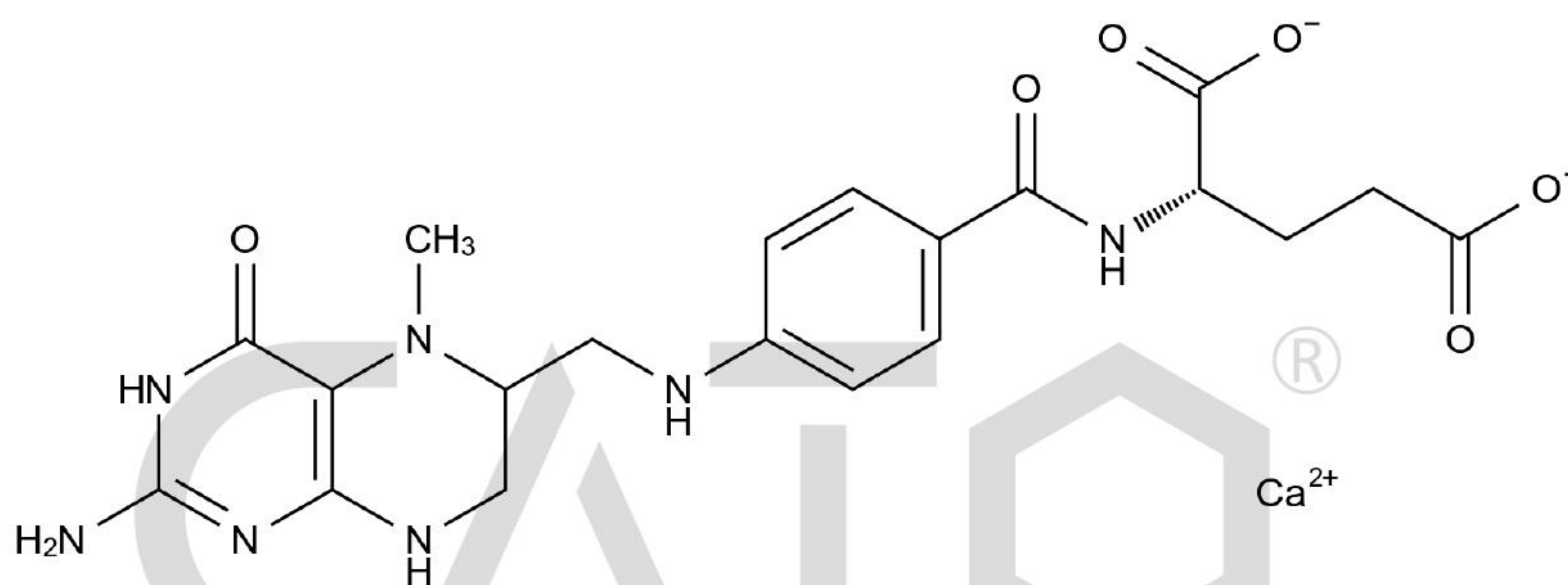


Certificate of Analysis

Reference Material & Standard

Product Name:	Calcium 5-methyltetrahydrofolate	Catalogue Number:	C4X-133510
Synonyms:	Calcium N5-methyltetrahydrofolate	Lot Number:	0414-RG-0084
CAS Number:	26560-38-3	Expiry Date:	Apr 15, 2028
Molecular Formula:	C ₂₀ H ₂₃ N ₇ O ₆ Ca	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	457.44 40.08		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	95.160%
Loss On Drying	TGA	8.8849%
Assay		86.7%

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: Apr 16, 2025

Date: Apr 16, 2025

Date: Apr 16, 2025

