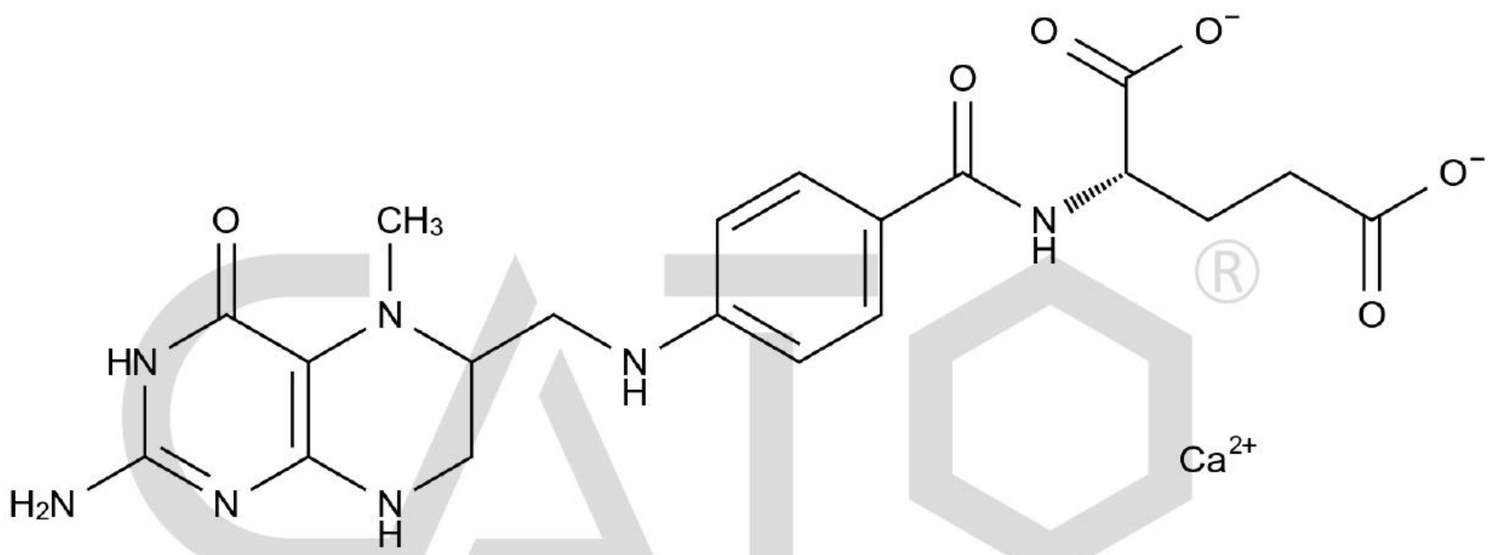
Certificate of Analysis

Reference Material & Standard

Product Name:	Calcium 5-methyltetrahydrofolate	**Catalogue Number:**	C4X-133510
Synonyms:	Calcium N5-methyltetrahydrofolate	**Lot Number:**	1106-RH-0038
CAS Number:	26560-38-3	**Expiry Date:**	Nov 15, 2030
Molecular Formula:	$C_{20}H_{23}N_7O_6$ Ca	**Storage:**	-20°C±5°C Protected from light and Sealed
Molecular Weight:	457.44 40.08	**Shipping Condition:**	Shipping with Ice Packs
Solubility:	Water		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Yellow Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	97.588%
Water Content	Karl Fischer	14.1021%
Assay	qNMR	82.3%
Assay (Assigned Value)	Mass Balance	83.8%

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Comment:

The calculation of the mass balance method follows the formula (calculated on the non-dried basis):
*Assay (%) = (100%-Water Content) * Purity HPLC (%) /100%*
Water Content is considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by: Alice — Date: Nov 16, 2026

Reviewed by: Koi — Date: Nov 16, 2026

Approved by General Manager: David — Date: Nov 16, 2026

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