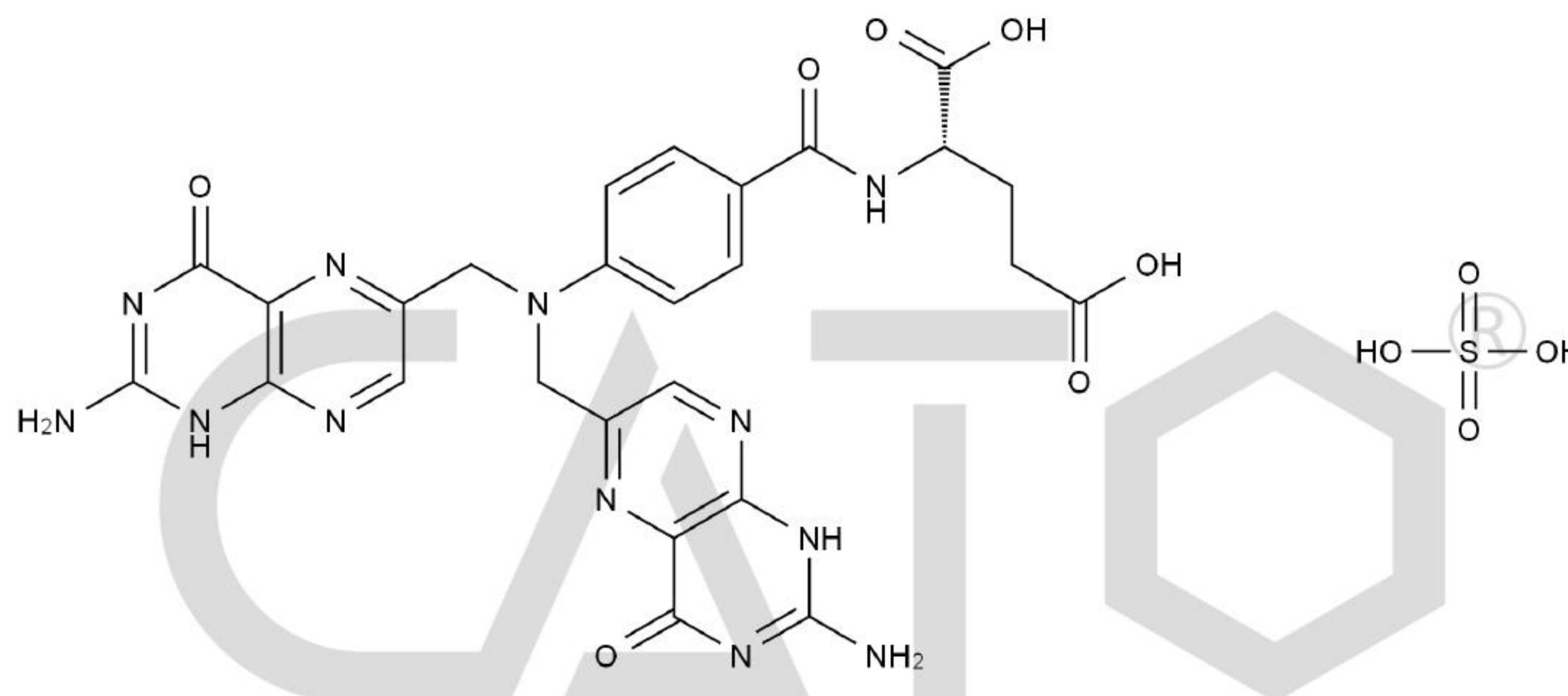


Certificate of Analysis

Reference Material & Standard

Product Name:	Folic Acid EP Impurity E Sulfate	Catalogue Number:	C4X-139541
Synonyms:	N/A	Lot Number:	0511-RH-0114
CAS Number:	N/A	Expiry Date:	May 14, 2030
Molecular Formula:	C ₂₆ H ₂₄ N ₁₂ O ₇ H ₂ O ₄ S	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	616.54 98.08	Shipping Condition:	Shipping with Ice Packs

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Brown Solid
Identification	LCMS&CNMR&HNMR	Confirmed
Purity	HPLC	94.783%
Loss on Drying	TGA	7.537%
Assay		87.6%

Comment:

1. Catalogue Number has been changed from "C4X-13955" to "C4X-139541". Therefore some of the graphs shown below were named by "C4X-13955".
2. The calculation of the mass balance method follows the formula (calculated on the non-dried basis):

$$\text{Assay (\%)} = (100\% - \text{Loss on Drying}) * \text{Purity HPLC (\%)} / 100\%$$
 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: May 28, 2026

Date: May 28, 2026

Date: May 28, 2026



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