

# Certificate of Analysis

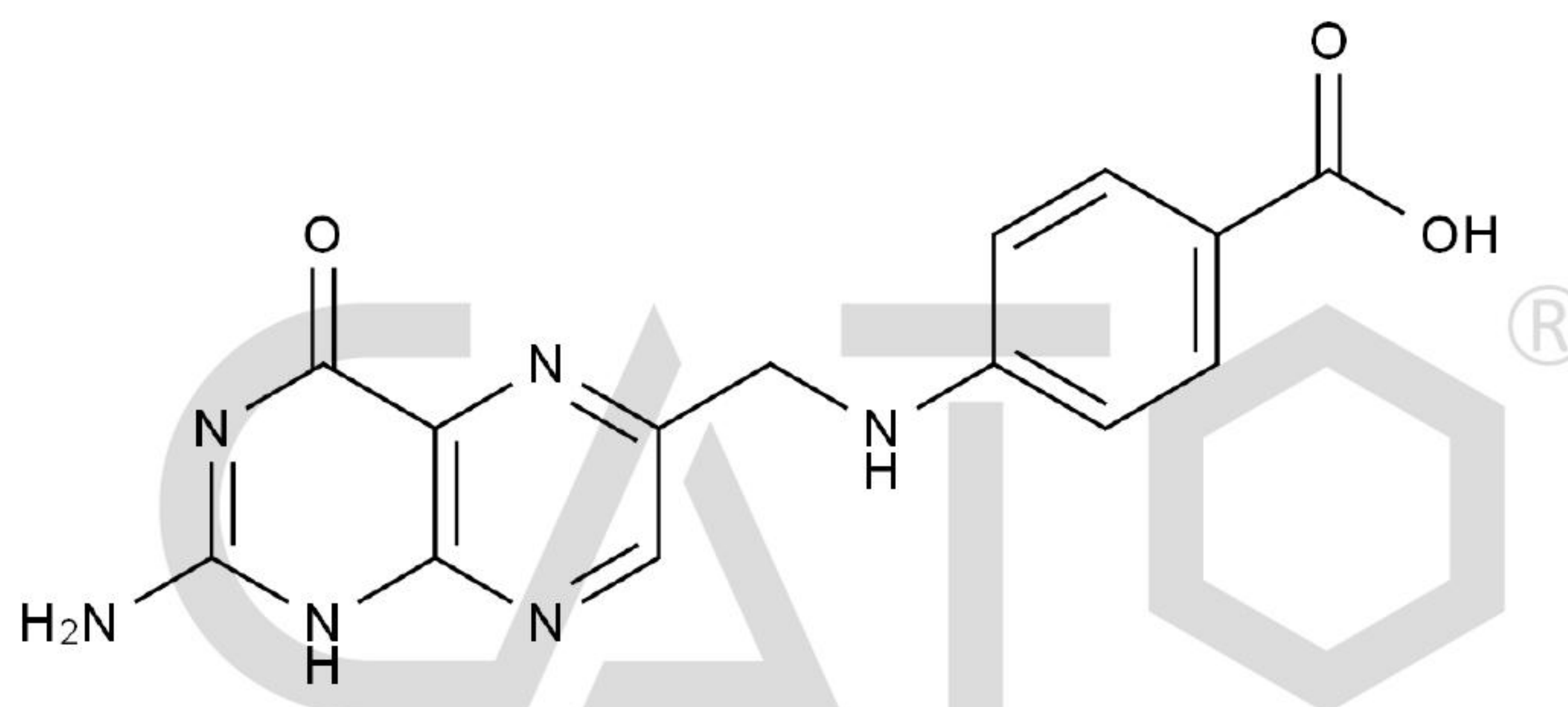
## Reference Material & Standard

|                    |                                                               |                     |                                           |
|--------------------|---------------------------------------------------------------|---------------------|-------------------------------------------|
| Product Name:      | Folic Acid EP Impurity D                                      | Catalogue Number:   | C4X-13954                                 |
| Synonyms:          | N/A                                                           | Lot Number:         | 0225-RH-0022                              |
| CAS Number:        | 119-24-4                                                      | Expiry Date:        | Mar 23, 2030                              |
| Molecular Formula: | C <sub>14</sub> H <sub>12</sub> N <sub>6</sub> O <sub>3</sub> | Storage:            | 2°C ~ 8°C Protected from light and Sealed |
| Molecular Weight:  | 312.28                                                        | Shipping Condition: | Shipping at Room Temperature              |

**Warning:**



Chemical Structure:



| Test Items     | Method            | Results           |
|----------------|-------------------|-------------------|
| Appearance     | Visual inspection | Dark Yellow Solid |
| Identification | LCMS&HNMR         | Confirmed         |
| Purity         | HPLC              | 95.953%           |
| Loss on Drying | TGA               | 2.4624%           |
| Assay          |                   | 93.6%             |

## 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:

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Reviewed by:

*Koi*

Approved by General Manager:

*David*

Date: Mar 24, 2026

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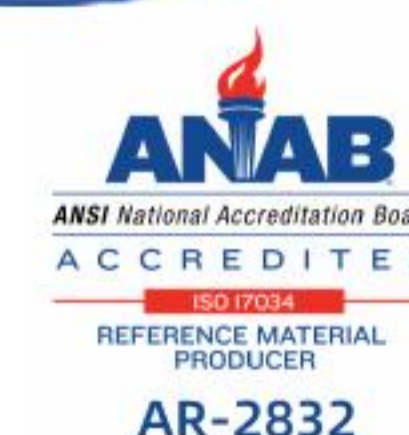
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