

CERTIFICATE OF ANALYSIS

(Certificate No. KMF006041-02)

Release Date: 04/06/2025

Re-test Date: 03/06/2028

NITROSO FOLIC ACID

Identification

Chemical Name :

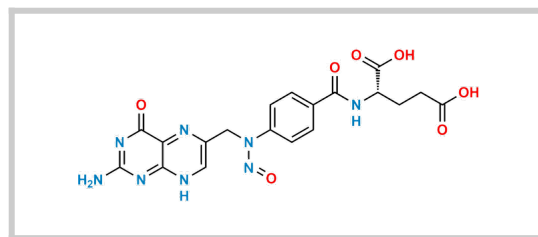
(4-(((2-Amino-4-oxo-4,8-dihydropteridin-6-yl)methyl)(nitroso)amino)benzoyl)-L-glutamic acid

CAT No. : KMF006041

CAS No. : 26360-21-4

Molecular Formula : C₁₉H₁₈N₈O₇

Molecular Weight : 470.4



Analytical Information

Batch No. : F006041-102-059

Description : Yellow Solid

HPLC Purity : 96.77 %

Weight Loss By TGA : 1.83 %

% Potency : 95 %

Solubility : Methanol : Water (1:1)

Mass : Confirm

IR : Confirm

¹H NMR : Confirm

Additional Information

Long Term Storage : Store at 2-8 deg. C for long term storage

Shipping Condition : Product is stable to be Shipped at Room Temperature

% Potency = [100 - 1.83(Weight Loss By TGA)] x [96.77(HPLC Purity)]/100 = 95 %

Recommendation : Released

| | Department | Name | Signature | Date |
|------------------------|-----------------|-------------------|-----------|------------|
| Prepared By | Analytical | Bhargav Kathiriya | | 05/06/2025 |
| Reviewed & Approved By | Quality Control | Jatin Patel | | 05/06/2025 |

Attachments : COA, HPLC, MASS, ¹HNMR, IR and TGA