CERTIFICATE OF ANALYSIS

(Certificate No. KMF006033-01)

Release Date: 12/01/2026 **Re-test Date:** 11/01/2029

MTHFRC-4

Identification

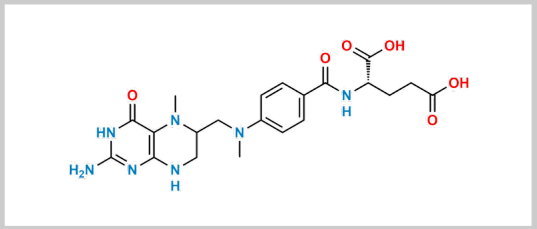
Chemical Name :
(4-(((2-Amino-5-methyl-4-oxo-3,4,5,6,7,8-hexahydropteridin-6-yl)methyl)(methyl)amino)benzoyl)glutamic acid

CAT No. : KMF006033

CAS No. : Not Available

Molecular Formula : C21H27N7O6

Molecular Weight : 473.5



Analytical Information

Batch No. : F006033-114-100

Description : Light Brown Solid

HPLC Purity : 99.12 %

Weight Loss By TGA : 4.83 %

% Potency : 94.33 %

Solubility : Refer Additional information

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 - 4.83(Weight Loss By TGA)] x [99.12(HPLC Purity)]/100 = 94.33 %
Solubility : 0.05M Trisodium citrate dihydrate in water

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		12/01/2026
Reviewed & Approved By	Quality Control	Jatin Patel		12/01/2026

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