CERTIFICATE OF ANALYSIS

(Certificate No. KML069008-03)

Release Date: 24/03/2026 **Re-test Date:** 23/03/2029

MTHFRC-6

Identification

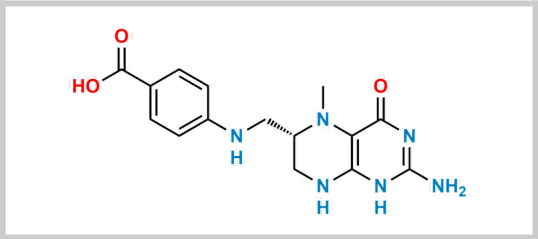
Chemical Name :
(S)-4-(((2-amino-5-methyl-4-oxo-1,4,5,6,7,8-hexahydropteridin-6-yl)methyl)amino)benzoic acid

CAT No. : KML069008

CAS No. : Not Available

Molecular Formula : C15H18N6O3

Molecular Weight : 330.3



Analytical Information

Batch No. : L069008-114-224

Description : Off White Solid

HPLC Purity : 97.44 %

Weight Loss By TGA : 4.22 %

% Potency : 93.33 %

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 - 4.22(Weight Loss By TGA)] x [97.44(HPLC Purity)]/100 = 93.33 %
*Solubility : 50 % of 1.47gm Trisodium Citrate in 100mL water and 50% methanol

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		24/03/2026
Reviewed & Approved By	Quality Control	Jatin Patel		24/03/2026

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