

# CERTIFICATE OF ANALYSIS

(Certificate No. KML069008-02)

Release Date: 09/02/2026

Re-test Date: 08/02/2029

## MTHFRC-6

### Identification

**Chemical Name :**

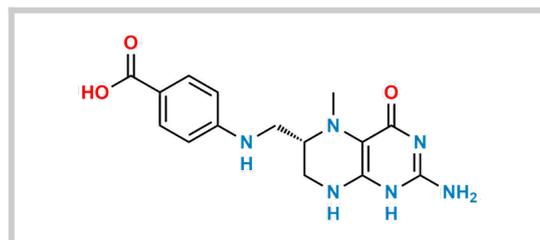
(S)-4-(((2-amino-5-methyl-4-oxo-1,4,5,6,7,8-hexahydropteridin-6-yl)methyl)amino)benzoic acid

CAT No. : KML069008

CAS No. : Not Available

Molecular Formula : C<sub>15</sub>H<sub>18</sub>N<sub>6</sub>O<sub>3</sub>

Molecular Weight : 330.3



### Analytical Information

Batch No. : L069008-114-158

Description : Off White Solid

HPLC Purity : 99.68 %

Weight Loss By TGA : 6.42 %

% Potency : 93.28 %

Solubility : \*Refer Additional Information

Mass : Confirm

IR : Confirm

<sup>1</sup>H 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 - 6.42(Weight Loss By TGA)] x [99.68(HPLC Purity)]/100 = 93.28 %

\*Solubility : 50 % of 1.47gm Trisodium Citrate in 100mL water and 50% methanol

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		09/02/2026
Reviewed & Approved By	Quality Control	Parag Vekariya		09/02/2026

Attachments : COA, HPLC, MASS, <sup>1</sup>HNMR, IR and TGA