

CERTIFICATE OF ANALYSIS

(Certificate No. KML069007-01)

Release Date: 06/02/2026

Re-test Date: 05/02/2029

D-Isomer Impurity of L-5-MTHF

Identification

Chemical Name :

(4-(((R)-2-amino-5-methyl-4-oxo-1,4,5,6,7,8-hexahydropteridin-6-yl)methyl)amino)benzoyl)-L-glutamic acid (2-ethylcyclopentyl)methanamine Salt

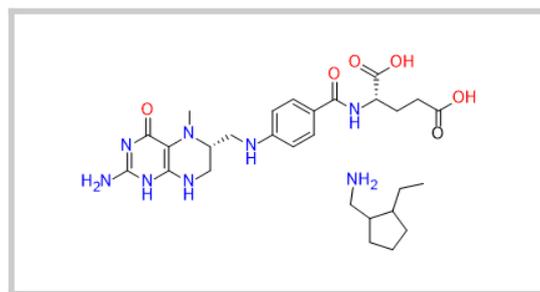
Alt. Name : Levomefolate Impurity 1

CAT No. : KML069007

CAS No. : Not Available

Molecular Formula : C₂₀H₂₅N₇O₆ : C₇H₁₆N₂

Molecular Weight : 459.5 : 128.22



Analytical Information

Batch No. : L069007-114-133

Description : Off White Solid

HPLC Purity : 99.18 %

Weight Loss By TGA : 6.92 %

% Potency : 92.32 %

Solubility : *Refer in 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 - 6.92(Weight Loss By TGA)] x [99.18(HPLC Purity)]/100 = 92.32 %

Solubility : 0.05M Trisodium citrate dihydrate in water

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		06/02/2026
Reviewed & Approved By	Quality Control	Jatin Patel		06/02/2026

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