

CERTIFICATE OF ANALYSIS

(Certificate No. KMO001007-02)

Release Date: 03/02/2026

Re-test Date: 02/02/2029

Omeprazole OME VII

Identification

Chemical Name :

9-methoxy-1,3-dimethyl-12-thioxobenzo[4',5']imidazo[2',1':2,3]imidazo[1,5-a]pyridin-2(12H)-one

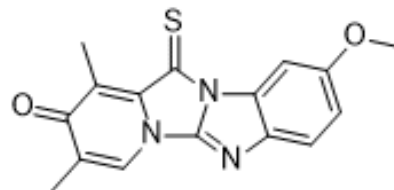
Alt. Name : Omeprazole BP Impurity G , Isomer
of Omeprazole EP Impurity F ,
Omeprazole USP Related Compound G

CAT No. : KMO001007

CAS No. : 125656-83-9

Molecular Formula : C₁₆H₁₃N₃O₂S

Molecular Weight : 311.36



Analytical Information

Batch No. : O001007-114-135

Solubility : THF

Description : Brown Solid

Mass : Confirm

HPLC Purity : 97.41 %

IR : Confirm

Weight Loss By TGA : 0.79 %

¹H NMR : Confirm

% Potency : 96.64 %

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 - 0.79(Weight Loss By TGA)] x [97.41(HPLC Purity)]/100 = 96.64 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		03/02/2026
Reviewed & Approved By	Quality Control	Jatin Patel		03/02/2026

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