

CERTIFICATE OF ANALYSIS

(Certificate No. KMO001001-02)

Release Date: 12/01/2026

Re-test Date: 11/01/2029

Omeprazole OME I

Identification

Chemical Name :

4-methoxy-2-(((5-methoxy-1H-benzo[d]imidazol-2-yl)sulfonyl)methyl)-3,5-dimethylpyridine 1-oxide

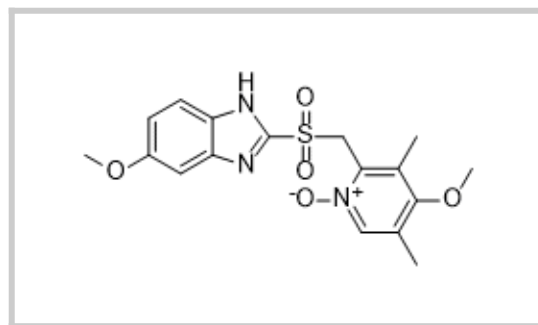
Alt. Name : Omeprazole USP Related Compound I, Omeprazole Sulfone N-Oxide

CAT No. : KMO001001

CAS No. : 158812-85-2

Molecular Formula : C₁₇H₁₉N₃O₅S

Molecular Weight : 377.41



Analytical Information

Batch No. : O001001-114-019

Description : Off White Solid

HPLC Purity : 99.87 %

Weight Loss By TGA : 0.60 %

% Potency : 99.27 %

Solubility : ACN : Water (1 : 1)

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 - 0.60(Weight Loss By TGA)] x [99.87(HPLC Purity)]/100 = 99.27 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		13/01/2026
Reviewed & Approved By	Quality Control	Jatin Patel		13/01/2026

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