CERTIFICATE OF ANALYSIS

(Certificate No. KMO001001-02)

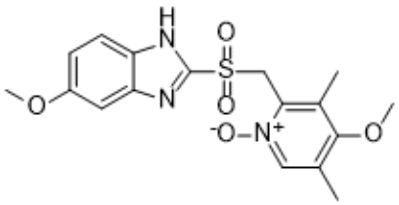
Release Date: 12/01/2026 **Re-test Date:** 11/01/2029

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