CERTIFICATE OF ANALYSIS

(Certificate No. KMO001005-01)

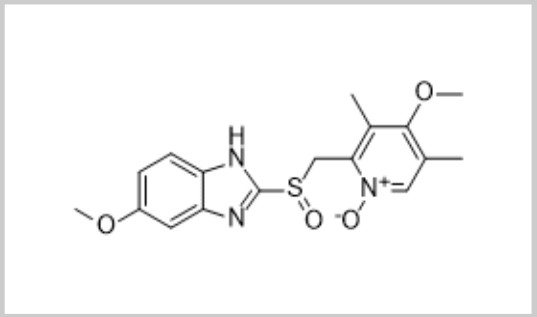
Release Date: 21/02/2024 **Re-test Date:** 20/02/2027

Omeprazole OME V

Identification

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

Alt. Name	: Omeprazole USP Related Compound E , Omeprazole N-oxide
CAT No.	: KMO001005
CAS No.	: 176219-04-8
Molecular Formula	: C17H19N3O4S
Molecular Weight	: 361.42



Analytical Information

Batch No.	: OME-NO-030-236	**Solubility**	: ACN : Water (1:1)
Description	: Off White Solid	**Mass**	: Confirm
HPLC Purity	: 99.20 %	**IR**	: Confirm
Weight Loss By TGA	: 0.34 %	**1H NMR**	: Confirm
% Potency	: 98.86 %		

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 - 0.34(Weight Loss By TGA)] x [99.20(HPLC Purity)]/100 = 98.86 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		21/02/2024
Reviewed & Approved By	Quality Control	Jatin Patel		21/02/2024

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