CERTIFICATE OF ANALYSIS

(Certificate No. KMO001010-01)

Release Date: 22/02/2024 **Re-test Date:** 21/02/2027

Omeprazole OME X

Identification

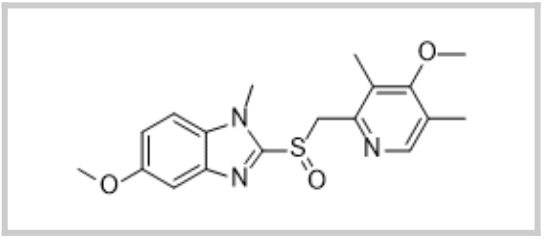
Chemical Name :
5-methoxy-2-(((4-methoxy-3,5-dimethylpyridin-2-yl)methyl)sulfinyl)-1-methyl-1H-benzo[d]imidazole

CAT No. : KMO001010

CAS No. : 89352-76-1

Molecular Formula : C18H21N3O3S

Molecular Weight : 359.44



Analytical Information

Batch No.	: OME-ME-073-076	**Solubility**	: ACN : Water (1:1)
Description	: Off White Solid	**Mass**	: Confirm
HPLC Purity	: 99.24 %	**IR**	: Confirm
Weight Loss By TGA	: 0.11 %	**1H NMR**	: Confirm
% Potency	: 99.13 %		

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 - 0.11(Weight Loss By TGA)] x [99.24(HPLC Purity)]/100 = 99.13 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		22/02/2024
Reviewed & Approved By	Quality Control	Jatin Patel		22/02/2024

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