CERTIFICATE OF ANALYSIS

(Certificate No. KMO001004-01)

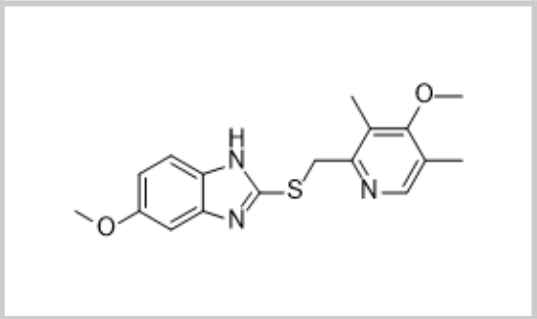
Release Date: 22/02/2024 **Re-test Date:** 21/02/2027

Ufiprazole

Identification

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

Alt. Name	: Esomeprazole EP Impurity C , Omeprazole Sulfide , Ufiprazole
CAT No.	: KMO001004
CAS No.	: 73590-85-9
Molecular Formula	: C17H19N3O2S
Molecular Weight	: 329.42



Analytical Information

Batch No.	: OME-EPC-073-060	**Solubility**	: ACN : Water (1:1)
Description	: White Solid	**Mass**	: Confirm
HPLC Purity	: 99.67 %	**IR**	: Confirm
Weight Loss By TGA	: 0.45 %	**1H NMR**	: Confirm
% Potency	: 99.22 %		

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 - 0.45(Weight Loss By TGA)] x [99.67(HPLC Purity)]/100 = 99.22 %

Recommendation : Released

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

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