

CERTIFICATE OF ANALYSIS

(Certificate No. KMO001010-01)

Release Date: 22/02/2024

Re-test Date: 21/02/2027

Omeprazole OME X

Identification

Chemical Name :

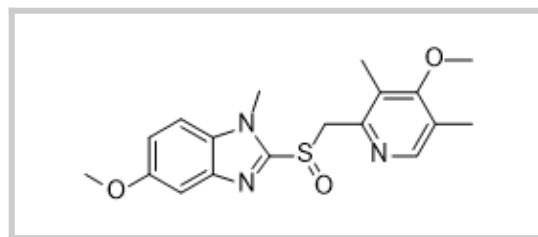
5-methoxy-2-(((4-methoxy-3,5-dimethylpyridin-2-yl)methyl)sulfinyl)-1-methyl-1H-benzo[d]imidazole

CAT No. : KMO001010

CAS No. : 89352-76-1

Molecular Formula : C₁₈H₂₁N₃O₃S

Molecular Weight : 359.44



Analytical Information

Batch No. : OME-ME-073-076

Description : Off White Solid

HPLC Purity : 99.24 %

Weight Loss By TGA : 0.11 %

% Potency : 99.13 %

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 - 0.11(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, ¹H NMR, IR and TGA