

CERTIFICATE OF ANALYSIS

(Certificate No. KMO001012-02)

Release Date: 28/01/2026

Re-test Date: 27/01/2029

Omeprazole OME XII

Identification

Chemical Name :

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

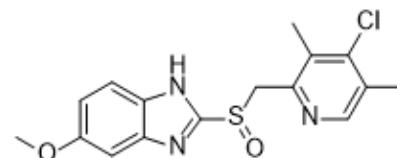
Alt. Name : 4-Desmethoxy-4-chloro Omeprazole

CAT No. : KMO001012

CAS No. : 863029-89-4

Molecular Formula : C16H16ClN3O2S

Molecular Weight : 349.84



Analytical Information

Batch No. : 0001012-114-117

Solubility : ACN

Description : Off White Solid

Mass : Confirm

HPLC Purity : 97.42 %

IR : Confirm

Weight Loss By TGA : 2.51 %

1H NMR : Confirm

% Potency : 94.97 %

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 - 2.51(Weight Loss By TGA)] x [97.42(HPLC Purity)]/100 = 94.97 %

Recommendation : Released

Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel	28/01/2026
Reviewed & Approved By	Quality Control	Jatin Patel	28/01/2026

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