

CERTIFICATE OF ANALYSIS

(Certificate No. KMP012019-01)

Release Date: 13/09/2024

Re-test Date: 12/09/2027

Pantoprazole Related Compound B

Identification

Chemical Name :

5-(Difluoromethoxy)-2-[[[(3,4-dimethoxypyridin-2-yl)methyl]sulfanyl]-1H-benzimidazole

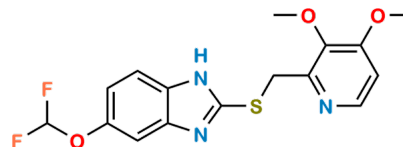
Alt. Name : Pantoprazole USP Related Compound B ; Pantoprazole Sulfide

CAT No. : KMP012019

CAS No. : 102625-64-9

Molecular Formula : C₁₆H₁₅F₂N₃O₃S

Molecular Weight : 367.4



Analytical Information

Batch No. : P012019-073-373

Description : Light Brown Solid

HPLC Purity : 99.01 %

Weight Loss By TGA : 2.32 %

% Potency : 96.71 %

Solubility : Acetonitrile

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 - 2.32(Weight Loss By TGA)] x [99.01(HPLC Purity)]/100 = 96.71 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		13/09/2024
Reviewed & Approved By	Quality Control	Jatin Patel		13/09/2024

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