CERTIFICATE OF ANALYSIS

(Certificate No. KMP012001-01)

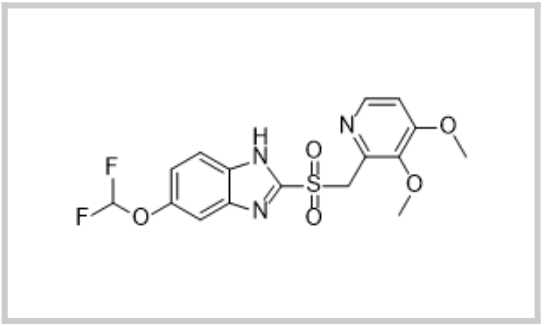
Release Date: 13/09/2024 **Re-test Date:** 12/09/2027

PANTOPRAZOLE RELATED COMPOUND A

Identification

Chemical Name :
5-(difluoromethoxy)-2-(((3,4-dimethoxypyridin-2-yl)methyl)sulfonyl)-1H-benzo[d]imidazole

Alt. Name	: Pantoprazole Sulfone ; Pantoprazole USP Related Compound A
CAT No.	: KMP012001
CAS No.	: 127780-16-9
Molecular Formula	: C16H15F2N3O5S
Molecular Weight	: 399.37



Analytical Information

Batch No.	: PEN-SUL-073-205	**Solubility**	: ACN
Description	: Light Yellow Solid	**Mass**	: Confirm
HPLC Purity	: 97.75 %	**IR**	: Confirm
Weight Loss By TGA	: 0.51 %	**1H NMR**	: Confirm
% Potency	: 97.25 %		

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 - 0.51(Weight Loss By TGA)] x [97.75(HPLC Purity)]/100 = 97.25 %
-Re-tested on 13.09.2024

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