

CERTIFICATE OF ANALYSIS OF REFERENCE STANDARD

Reference Standard

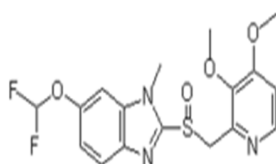
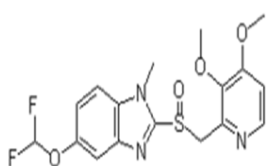
Date

Pantoprazole Impurity D & F Mixture

Catalog NO: VL125004

Batch No.:

IUPAC Name: 5-(Difluoromethoxy)-2-[[3,4-dimethoxy-2-pyridinyl)methyl]sulfinyl]-1-methyl-1H-benzimidazole



Pantoprazole Impurity D

Pantoprazole Impurity F

Molecular Formula: **Impurity D:** C₁₇H₁₇F₂N₃O₄S

Impurity F: C₁₇H₁₇F₂N₃O₄S

Molecular weight: **Impurity D:** 397.40; **Impurity F:** 397.40

Sr.#	Test	Results	Data ref.
1	Appearance	A Yellow Colour sticky Mass	-----
2	Purity by HPLC	>95.00%	Chromatogram attached
3	MASS	Conform	Report attached
4	1H NMR	Conform	Report attached

Storage condition: Store at 2-8°C, protect from direct sunlight and moisture.

This certificate of analysis is valid for three years from date of manufacturing, provided the substance is stored under suitable conditions.

Manufacturing date:

Retest date:

Document data reference:

Prepared by

Reviewed by

Approved by