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CERTIFICATE OF ANALYSIS

Analysis Date: Sep 2024

Re-test Date: Aug 2027

Product Name: Omeprazole EP Impurity D

Identification:

Chemical Name: 5-Methoxy-2-[[[(4-methoxy-3,5-dimethylpyridin-2-yl)methyl]sulphonyl]-1H-benzimidazole (as per EP)

Synonyms : Omeprazole USP Related
Compound A ; Omeprazole
sulphone

CAS Number : 88546-55-8

CAT Number : CP-O9004

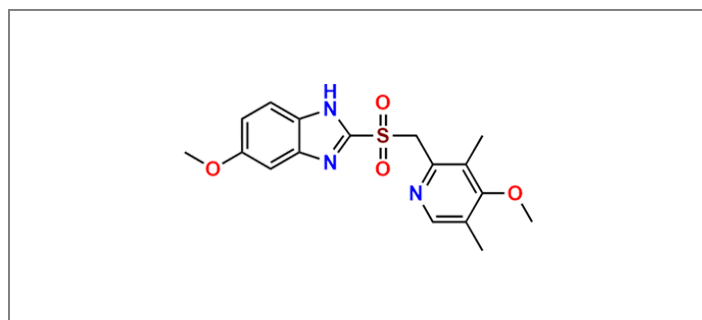
Molecular Formula : C17H19N3O4S

Molecular Weight : 361.42

Batch Number : CP-OME-D-0924

Storage Condition : Tightly closed, Inert atmosphere at 2 to 8° C

Shipping condition : All Products are stable to be shipped at room temperature, if specific condition required it is
mention in the COA



Analytical Information:

Sr. No.	Test	Result
1)	Description	White to Off White Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	98.99%
5)	H1NMR	Confirm to structure
6)	13CNMR	Confirm to structure
7)	Weight loss by TGA	0.688%
8)	Potency by TGA	98.30%



Prepared and Reviewed By

A handwritten signature in blue ink, appearing to read "Priyanka Salunkhe".

Ms Priyanka Salunkhe
(Manager QC Analytical)

Approved By

A handwritten signature in blue ink, appearing to read "Rohini Gagare".

Ms Rohini Gagare
(QA Head)

Note: Product supplied by Chemicea are for R&D purpose only and not for human consumptions.