

Registered Address: Chemicea Pharmaceuticals Pvt Ltd, Platinum Springs,
Unit No- A- 205&206 Second floor, Plot No: G-6, G-20 to G 24, Taloja- MIDC, Opp. Dena Bank
Navi Mumbai 410208, MH, INDIA. Email- info@chemicea.com Mob- +91 9284897978

CERTIFICATE OF ANALYSIS

Analysis Date: Nov 2024

Re-test Date: Oct 2027

Product Name: Esomeprazole EP Impurity A

Identification:

Chemical Name: 5-Methoxy-1H-benzimidazole-2-thiol

Synonyms : Omeprazole EP Impurity A

CAS Number : 37052-78-1

CAT Number : CP-E14001

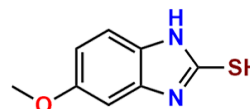
Molecular Formula : C₈H₈N₂O₂S

Molecular Weight : 180.23

Batch Number : CP-OME-A-0623

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	99.57%
5)	¹ HNMR	Confirm to structure
6)	Weight loss by TGA	0.181%
7)	Potency by TGA	99.39%



Prepared and Reviewed By



Ms Priyanka Salunkhe
(Quality Control)

Approved By



Ms Rohini Gagare
(Quality Assurance)

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