

## Certificate of Analysis

**Catalogue Number**

KL-02-00898

**Lot Number**

KLAH00022

**Product Name**

Omeprazole EP Impurity A

**Synonyms**

1,3-Dihydro-5-methoxy-2H-benzimidazole-2-thione; 2-Mercapto-5-methoxy-1H-benzimidazole; 2-Mercapto-5-methoxybenzimidazole; Omeprazole Related Compound B; Esomeprazole EP Impurity A

**CAS Number**

37052-78-1

**Molecular Formula**
 $C_8H_8N_2OS$ 
**Molecular Weight**

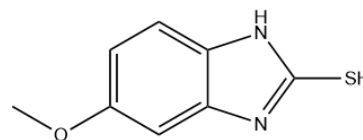
180.23 g/mol

**Mfg. Date**

23-08-2025

**Re-Test Date**

22-08-2030

**Structure**

**Shipping Condition**

All Product are stable to be shipped at room temperature, unless otherwise specified.

**Long Term Storage Conditions**

2°C ~ 8°C Protected from light and Sealed

**Analytical Information**

Appearance of Product : Off-White Solid

Purity by HPLC : 99.86%

Solubility : DMSO, MeOH

Mass : Confirm

 $^1H$ NMR : Confirm

 Approved By B Kishore

Note: Use for research &amp; analytical purpose only. Not for human consumption