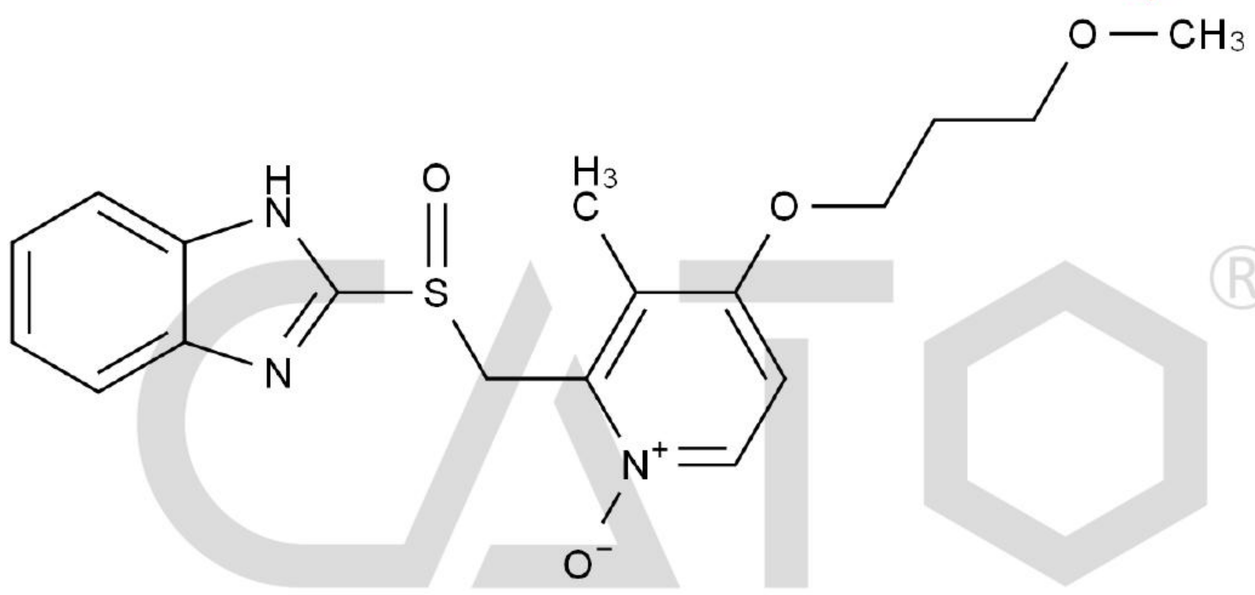
# Certificate of Analysis

## Reference Material & Standard

| | | | |
|---|---|---|---|
| **Product Name:** | Rabeprazole EP Impurity D | **Catalogue Number:** | C4X-11214 |
| **Synonyms:** | N/A | **Lot Number:** | 1110-RH-0099 |
| **CAS Number:** | 924663-38-7 | **Expiry Date:** | Nov 11, 2030 |
| **Molecular Formula:** | $C_{18}H_{21}N_3O_4S$ | **Storage:** | 2°C ~ 8°C Protected from light and Sealed |
| **Molecular Weight:** | 375.44 | **Shipping Condition:** | Shipping at Room Temperature |
| **Solubility:** | Acetonitrile;Water=2:1 | **Warning:** |  |

**Chemical Structure:**




| Test Items | Method | Results |
|---|---|---|
| **Appearance** | Visual inspection | Light Yellow Solid |
| **Identification** | LCMS&HNMR | Confirmed |
| **Purity** | HPLC | 98.411% |
| **Loss on Drying** | TGA | 0.1223% |
| **Assay** | Mass Balance | 98.3% |

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## Comment:

*The calculation of the mass balance method follows the formula (calculated on the non-dried basis):*
*Assay (%) = (100%-Loss on Drying) * Purity HPLC (%) /100%*
*Loss on Drying is considered as absolute effect, HPLC purity is considered as relative effect.*

**Signature:**

Prepared by: Alice Date: Nov 12, 2026

Reviewed by: Koi Date: Nov 12, 2026

Approved by General Manager: David Date: Nov 12, 2026

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