CERTIFICATE OF ANALYSIS

(Certificate No. KMR014008-01)

Release Date: 08/07/2024 **Re-test Date:** 07/07/2027

Rabeprazole Sulfone N-Oxide

Identification

Chemical Name :
2-(((1H-benzo[d]imidazol-2-yl)sulfonyl)methyl)-4-(3-methoxypropoxy)-3-methylpyridine 1-oxide

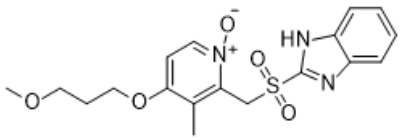
Alt. Name : Rabeprazole Sulfone N-Oxide

CAT No. : KMR014008

CAS No. : 924663-37-6

Molecular Formula : C18H21N3O5S

Molecular Weight : 391.44



Analytical Information

Batch No. : RAB-EPI-073-278

Description : Off White Solid

HPLC Purity : 99.74 %

Weight Loss By TGA : 0.45 %

% Potency : 99.29 %

Solubility : Refer Additional information

Mass : Confirm

IR : Confirm

1H NMR : Confirm

Additional Information

Long Term Storage : Store at 2-8 deg. C for long term storage

Shipping Condition : Product is stable to be shipped at room temperature

% Potency = [100 - 0.45(Weight Loss By TGA)] x [99.74(HPLC Purity)]/100 = 99.29 %
-Buffer Solution : Dissolve 17.4 g of dibasic potassium phosphate in 950 mL of water, adjust pH with 2N potassium hydroxide to a pH of 11.3, and dilute with water to 1000 mL.
-Solubility : Methanol : Buffer Solution (20:80)

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		09/07/2024
Reviewed & Approved By	Quality Control			09/07/2024

Attachments : COA, HPLC, MASS, 1HNMR, IR and TGA