

CERTIFICATE OF ANALYSIS

(Certificate No. KMG008001-02)

Release Date: 18/06/2024

Re-test Date: 17/06/2027

Guaifenesin Impurity Of Ranolazine

Identification

Chemical Name :

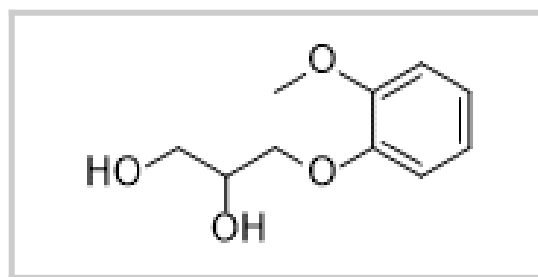
3-(2-methoxyphenoxy)propane-1,2-diol

CAT No. : KMG008001

CAS No. : 93-14-1

Molecular Formula : C₁₀H₁₄O₄

Molecular Weight : 198.22



Analytical Information

Batch No. : GUA-PRS-073-267

Description : White Solid

HPLC Purity : 99.12 %

Weight Loss By TGA : 0.52 %

% Potency : 98.6 %

Solubility : Acetonitrile

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 - 0.52(Weight Loss By TGA)] x [99.12(HPLC Purity)]/100 = 98.6 %

-TGA and IR analysis added on 22.02.2025

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		25/02/2025
Reviewed & Approved By	Quality Control	Jatin Patel		25/02/2025

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