

# **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 :**

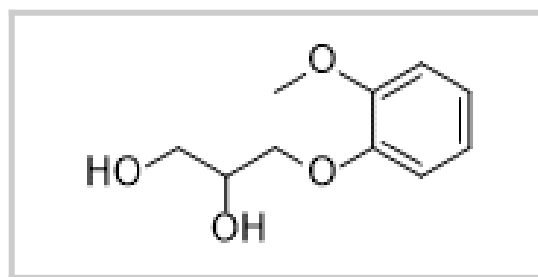
3-(2-methoxyphenoxy)propane-1,2-diol

**CAT No.** : KMG008001

**CAS No.** : 93-14-1

**Molecular Formula** : C<sub>10</sub>H<sub>14</sub>O<sub>4</sub>

**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

**<sup>1</sup>H 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, <sup>1</sup>HNMR, IR and TGA