

# **CERTIFICATE OF ANALYSIS**

(Certificate No. KMG008001-03)

**Release Date:** 19/12/2025

**Re-test Date:** 18/12/2028

## **Guaifenesin**

### **Identification**

**Chemical Name :**

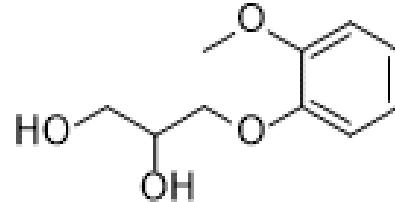
3-(2-methoxyphenoxy)propane-1,2-diol

**CAT No.** : KMG008001

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

**Molecular Formula** : C10H14O4

**Molecular Weight** : 198.22



### **Analytical Information**

**Batch No.** : G008001-114-062

**Solubility** : Acetonitrile

**Description** : White Solid

**Mass** : Confirm

**HPLC Purity** : 99.85 %

**IR** : Confirm

**Weight Loss By TGA** : 0.24 %

**1H NMR** : Confirm

**% Potency** : 99.61 %

**13C 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 - 0.24(Weight Loss By TGA)] x [99.85(HPLC Purity)]/100 = 99.61 %

**Recommendation** : Released

	<b>Department</b>	<b>Name</b>	<b>Signature</b>	<b>Date</b>
<b>Prepared By</b>	Analytical	Jignesh Patel		23/12/2025
<b>Reviewed &amp; Approved By</b>	Quality Control	Jatin Patel		23/12/2025

**Attachments** : COA, HPLC, MASS, 1HNMR, 13CNMR, IR and TGA