

# **CERTIFICATE OF ANALYSIS**

(Certificate No. KMG008001-03)

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

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

## **Guaifenesin**

### **Identification**

**Chemical Name :**

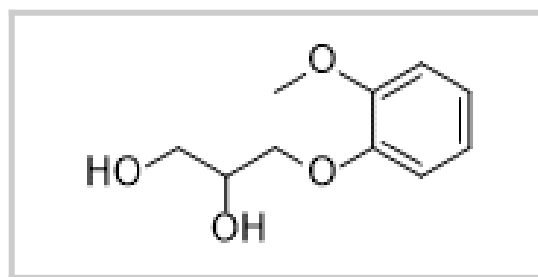
3-(2-methoxyphenoxy)propane-1,2-diol

**CAT No.** : KMG008001

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

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

**Molecular Weight** : 198.22



### **Analytical Information**

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

**Description** : White Solid

**HPLC Purity** : 99.85 %

**Weight Loss By TGA** : 0.24 %

**% Potency** : 99.61 %

**Solubility** : Acetonitrile

**Mass** : Confirm

**IR** : Confirm

**<sup>1</sup>H NMR** : Confirm

**<sup>13</sup>C 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

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		23/12/2025
Reviewed & Approved By	Quality Control	Jatin Patel		23/12/2025

**Attachments** : COA, HPLC, MASS, <sup>1</sup>HNMR, <sup>13</sup>CNMR, IR and TGA