CERTIFICATE OF ANALYSIS

(Certificate No. KMG008006-01)

Release Date: 12/05/2025 **Re-test Date:** 11/05/2028

Guaifenesin EP Impurity B

Identification

Chemical Name :
2-(2-methoxyphenoxy)propane-1,3-diol (as per EP)

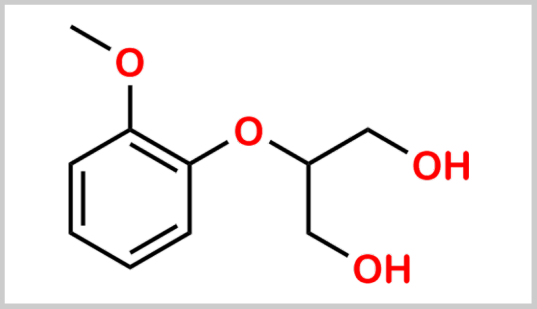
Alt. Name : B-Isomer (EP) ; Isoguaifenesin (USP)

CAT No. : KMG008006

CAS No. : 14007-09-1

Molecular Formula : C10H14O4

Molecular Weight : 198.2



Analytical Information

Batch No.	: GUA-IMP-B-011-101	**Solubility**	: Methanol
Description	: Light Yellow Thick Liquid	**Mass**	: Confirm
HPLC Purity	: 97.80 %	**IR**	: Confirm
Weight Loss By TGA	: 5.15 %	**1H NMR**	: Confirm
% Potency	: 92.76 %		

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 - 5.15(Weight Loss By TGA)] x [97.80(HPLC Purity)]/100 = 92.76 %
-Re-tested on 12.05.2025

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		12/05/2025
Reviewed & Approved By	Quality Control	Jatin Patel		12/05/2025

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