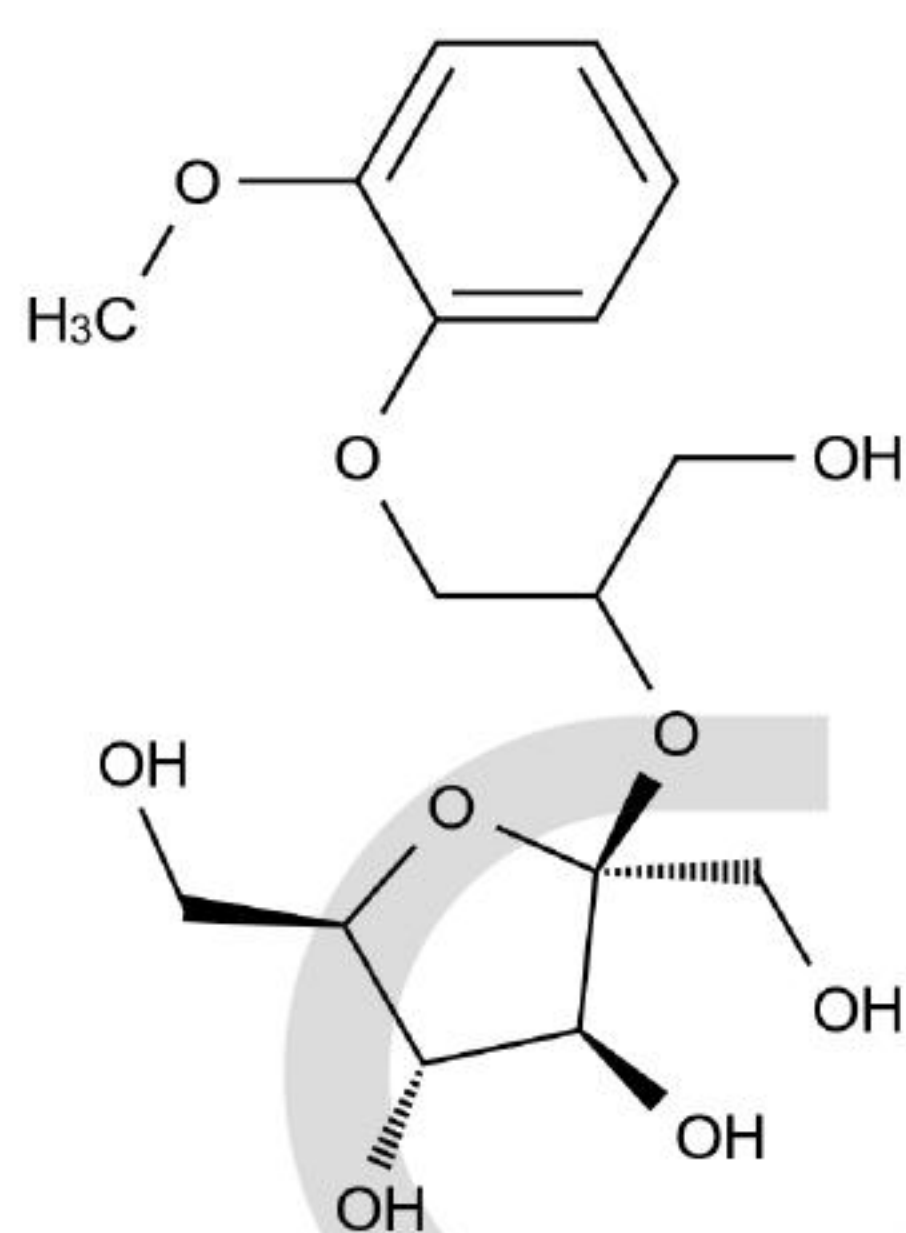


Certificate of Analysis

Reference Material & Standard

Product Name:	Guaifenesin Fructose Adduct 3	Catalogue Number:	C4X-129412
Synonyms:	N/A	Lot Number:	0513-RG-0097
CAS Number:	N/A	Expiry Date:	May 15, 2028
Molecular Formula:	C ₁₆ H ₂₄ O ₉	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	360.36		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Light Yellow Sticky Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	98.503%
Loss On Drying	TGA	4.5729%
Assay		94.0%

Comment:

The calculation of the 100% method follows the formula (calculated on the non-dried basis):

Assay (%) = (100%-Loss On Drying) * Purity HPLC (%) / 100%

Loss On Drying is considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Nice

Reviewed by:

Koi

Approved by General Manager:

David

Date: May 16, 2025

Date: May 16, 2025

Date: May 16, 2025

