

HPLC Application

ID No.: 15670

Guaifenesin Tablets - Modified USP (Synergi 4 μ m Fusion-RP)

Column: Synergi[™] 4 μ m Fusion-RP 80 Å, LC Column 150 x 4.6 mm, Ea

Dimensions: 150 x 4.6 mm ID

Order No: 00F-4424-E0

Elution Type: Isocratic

Eluent A: Water

Eluent B: Methanol

Eluent C: Glacial Acetic acid

Gradient Profile:	Step No.	Time (min)	Pct A	Pct B	Pct C
	1	0	59	39.5	1.5

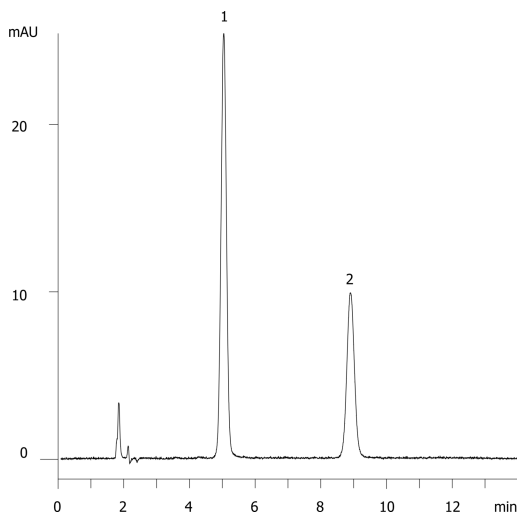
Flow Rate: 1 mL/min

Col. Temp.: 25 °C

Detection: UV-Vis Abs.-Variable Wave.(UV) @ 276 nm (25 °C)

Analyst Note: mobile phase is water:methanol:glacial acetic acid (60:40:1.5) per USP

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ANALYTES:

1 Guaiacol glyceryl ether

Retention Time: 5.043 min

2 Benzoic acid

Retention Time: 8.903 min

