

# HPLC Application

ID No.: 18991

## Terfenadine on Luna HILIC 5 $\mu$ m by SFC

**Column:** Luna<sup>®</sup> 5  $\mu$ m HILIC 200 Å, LC Column 250 x 4.6 mm, Ea

**Dimensions:** 250 x 4.6 mm ID

**Order No:** 00G-4450-E0

**Elution Type:** Gradient

**Eluent A:** Methanol with 0.1% DEA

**Eluent B:** Carbon Dioxide

<b>Gradient Profile:</b>	<b>Step No.</b>	<b>Time (min)</b>	<b>Pct A</b>	<b>Pct B</b>
	<b>1</b>	0	10	90
	<b>2</b>	2	10	90
	<b>3</b>	12	40	60
	<b>4</b>	14	40	60
	<b>5</b>	15	10	90

**Flow Rate:** 3 mL/min

**Col. Temp.:** 35 °C

**Detection:** UV-Vis Abs.-Fixed Wave. (UV) @ 254 nm (35 °C)

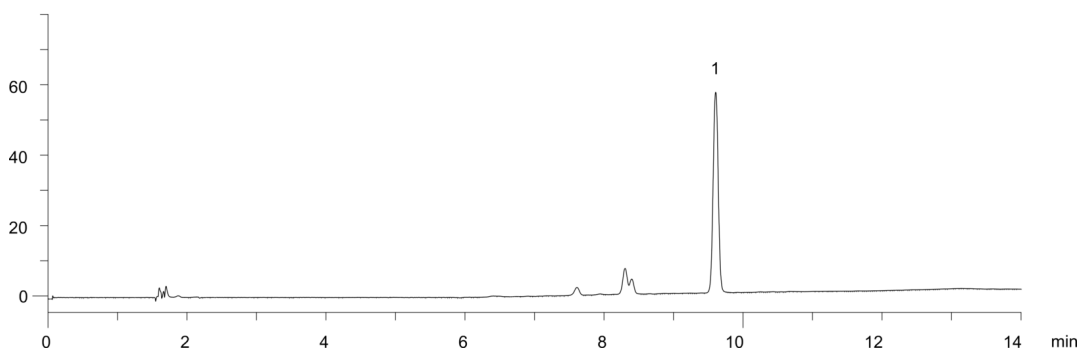
**Detector Info:** Thar Discovery Series, Super Pure SFC instrument provided courtesy of Thar Technologies

**Analyst Note:** SecurityGuard<sup>™</sup> Guard Cartridge System extends column lifetime.

- SecurityGuard Cartridges, Silica 4 x 3.0mm, 10/Pk Part No.: AJ0-4348

- Holder Part No.: KJ0-4282

18991



Products used in this application:



### ANALYTES:

1 Terfenadine

