

# HPLC Application

ID No.: 5640

## Isosorbide Dinitrate with Nitroglycerin (USP XXI 5th Supplement, p. 2396)

**Column:** Ultracarb<sup>™</sup> 5 µm ODS (30) 60 Å, LC Column 150 x 4.6 mm, Ea

**Dimensions:** 150 x 4.6 mm ID

**Order No:** 00F-0351-E0

**Elution Type:** Isocratic

**Eluent A:** Water

**Eluent B:** 0.05 M NH<sub>4</sub>Ac pH 4.7

**Eluent C:** Methanol

Gradient Profile:	Step No.	Time (min)	Pct A	Pct B	Pct C
	1	0	35	10	55

**Flow Rate:** 1 mL/min

**Col. Temp.:** ambient

**Detection:** UV-Vis Abs.-Variable Wave.(UV) @ 220 nm (ambient)

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

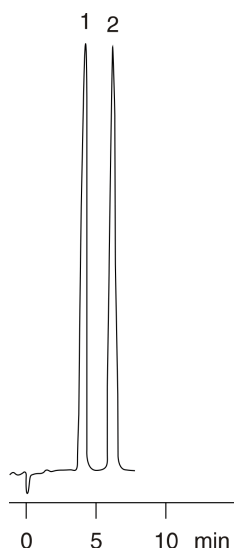
- SecurityGuard Cartridges, C18 4 x 3.0mm, 10/Pk Part No.: AJ0-4287

- Holder Part No.: KJ0-4282



Products used in this application:

## Ultracarb<sup>™</sup>



### ANALYTES:

1 Isosorbide dinitrate

2 Nitroglycerin

