

HPLC Application

ID No.: 5640

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

Column: Ultracarb[™] 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 NH₄Ac 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[™] Guard Cartridge System extends column lifetime.

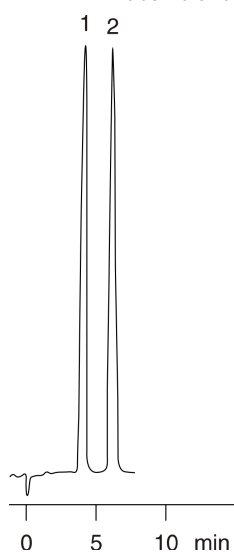
- SecurityGuard Cartridges, C18 4 x 3.0mm, 10/Pk Part No.: AJ0-4287

- Holder Part No.: KJ0-4282



Products used in this application:

Ultracarb[™]



ANALYTES:

1 Isosorbide dinitrate

2 Nitroglycerin

