

HPLC Application

ID No.: 16628

Batch Reproducibility - Tricyclic Antidepressants in 20mM Potassium Phosphate pH 7 on Gemini-NX 5µ

Column: Gemini® 5 µm NX-C18 110 Å, LC Column 150 x 4.6 mm, Ea

Dimensions: 150 x 4.6 mm ID

Order No: 00F-4454-E0

Elution Type: Gradient

Eluent A: 20mM Potassium Phosphate pH 7

Eluent B: Acetonitrile

Gradient Profile:	Step No.	Time (min)	Pct A	Pct B
	1	0	95	5
	2	10	20	80
	3	12	20	80

Flow Rate: 1.5 mL/min

Col. Temp.: ambient

Detection: UV-Vis Abs.-Variable Wave.(UV) @ 254 nm (ambient)

Detector Info: Batch 5561-74

Analyst Note: SecurityGuard™ Guard Cartridge System extends column lifetime.

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

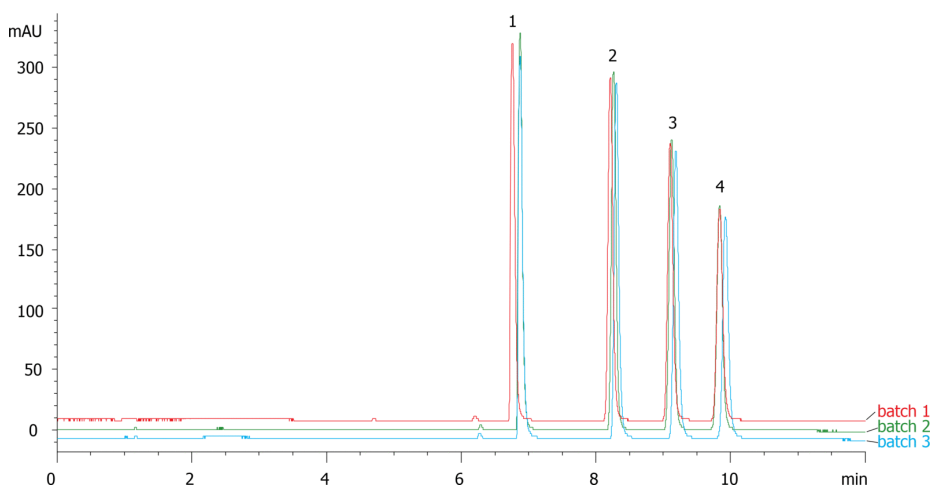
- Holder Part No.: KJ0-4282



Products used in this application:



16628



ANALYTES:

- 1** Nortriptyline
Retention Time: 6.875 min
- 2** Imipramine
Retention Time: 8.265 min
- 3** Amitriptyline
Retention Time: 9.125 min
- 4** Clomipramine
Retention Time: 9.837 min

