

# HPLC Application

ID No.: 19274

## Extraction of Indole 3 carboxylic acid from Strata-X-A on Gemini 5u, C18, 150x4.6mm Column

**Column:** Gemini<sup>®</sup> 5  $\mu$ m C18 110 Å, LC Column 150 x 4.6 mm, Ea

**Dimensions:** 150 x 4.6 mm ID

**Order No:** 00F-4435-E0

**Elution Type:** Isocratic

**Eluent A:** 20 mM KH<sub>2</sub>PO<sub>4</sub>(pH 2.5)

**Eluent B:** Acetonitrile

Gradient Profile:	Step No.	Time (min)	Pct A	Pct B
	1	0	75	25

**Flow Rate:** 1 mL/min

**Col. Temp.:** ambient

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

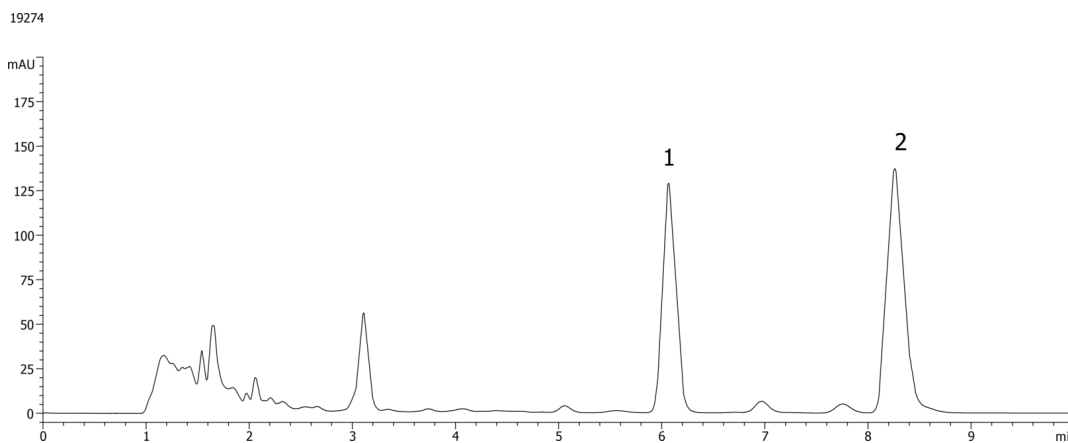
**Analyst Note:** SecurityGuard<sup>™</sup> Guard Cartridge System extends column lifetime.

- SecurityGuard Cartridges, Gemini C18 4 x 3.0mm ID, 10/Pk Part No.: AJ0-7597

- Holder Part No.: KJ0-4282



Products used in this application:



### ANALYTES:

**1** Indole-3-carboxylic acid

Retention Time: 6.06 min

**2** Salicylic acid

Retention Time: 8.26 min

