

## Nicotine and Related Compounds

**Column:** Synergi™ 4 µm Max-RP 80 Å, LC Column 150 x 4.6 mm, Ea

**Dimensions:** 150 x 4.6 mm ID

**Order No:** 00F-4337-E0

**Elution Type:** Gradient

**Eluent A:** 10 mM Ammonium acetate in water

**Eluent B:** 10 mM Ammonium acetate in methanol

| Gradient Profile: | Step No. | Time (min) | Pct A | Pct B |
|-------------------|----------|------------|-------|-------|
|                   | 1        | 0          | 90    | 10    |
|                   | 2        | 0.25       | 90    | 10    |
|                   | 3        | 3.75       | 0     | 100   |

**Flow Rate:** 1 mL/min

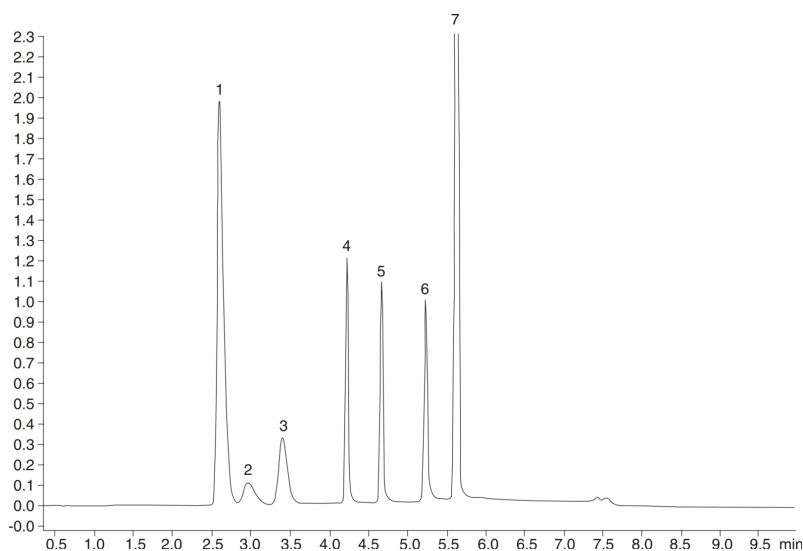
**Col. Temp.:** ambient

**Detection:** UV-Vis Abs.-Variable Wave.(UV) @ 260 nm (ambient)

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

- SecurityGuard Cartridges, C12 4 x 3.0mm, 10/Pk Part No.: AJ0-6074

- Holder Part No.: KJ0-4282



### ANALYTES:

- 1 Cotinine-N'-oxide
- 2 1'(R)-2'(S)-cis-Nicotine-N'-oxide
- 3 1'(S)-2'(S)-trans-Nicotine-N'-oxide
- 4 Hydroxycotinine
- 5 Cotinine
- 6 Nicotine
- 7 Picric acid

