



**Column:** [Synergi™ 4 μm Max-RP 80 Å LC Column 150 x 4.6 mm](#)

**Part No:** [00F-4337-E0](#)

**Dimensions:** 150 x 4.6 mm ID

**Elution Type:** Gradient

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

**Elution 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 (22°C)

**Compounds:**

- 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