



Column: [Synergi™ 4 µm Max-RP 80 Å LC Column 250 x 4.6 mm](#)

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

Dimensions: 250 x 4.6 mm ID

Elution Type: Gradient

Elution A: water/acetonitril/formic acid 87:3:10

Elution B: water/acetonitril/formic acid 40:50:10

Gradient Profile:

| Step No. | Time (min) | Pct A | Pct B |
|----------|------------|-------|-------|
| 1 | 0 | 94 | 6 |
| 2 | 20 | 80 | 20 |
| 3 | 35 | 60 | 40 |
| 4 | 40 | 40 | 60 |
| 5 | 45 | 10 | 90 |
| 6 | 50 | 10 | 90 |

Flow Rate: 0.5 mL/min

Col. Temp: ambient

Detection: UV-Vis Abs.-Variable Wave.(UV) @ 520 nm (22°C)

Compounds:

- 1- Delphinidin-3-glucoside
- 2- Cyanidin-3-glucoside
- 3- Petunidin-3-glucoside
- 4- Peonidin-3-glucoside
- 5- Malvidin-3-glucoside
- 6- Peonidin-3-(6'-acetylglucoside)
- 7- Malvidin-3-(6'-acetylglucoside)
- 8- Malvidin-3-(6'-cumarylglucoside)