



**Column:** [Luna® 5 µm Phenyl-Hexyl 100 Å LC Column 150 x 4.6 mm](#)

**Part No:** [00F-4257-E0](#)

**Dimensions:** 150 x 4.6 mm ID

**Elution Type:** Gradient

**Elution A:** 50 mM KH<sub>2</sub>PO<sub>4</sub> + 0.1% H<sub>3</sub>PO<sub>4</sub>

**Elution B:** Acetonitrile

**Gradient Profile:**

Step No.	Time (min)	Pct A	Pct B
1	18	75	25
2	12	25	75

**Flow Rate:** 1 mL/min

**Col. Temp:** ambient

**Detection:** UV-Vis Abs.-Variable Wave.(UV) @ 230 nm (22°C)

**Compounds:**

- 1- Saccharin
- 2- p-Hydroxybenzoic acid
- 3- Sorbic acid
- 4- p-Hydroxybenzoic acid methyl ester
- 5- Dehydroacetic acid
- 6- p-Toluic acid
- 7- p-Hydroxybenzoic acid ethyl ester
- 8- n-Propyl p-hydroxybenzoate