

# HPLC Application

ID No.: 25735

## Organic Acids on Luna Omega Polar 5u 250 x 4.6mm -

**Column:** Luna Omega 5u Polar C18 100A, LC Column 250 x 4.6 mm, Ea

**Dimensions:** 250 x 4.6 mm ID

**Order No:** 00G-4754-E0

**Elution Type:** Isocratic

**Eluent A:** 100mM Potassium Phosphate Monobasic pH 2.5

Gradient	Step No.	Time (min)	Pct A
Profile:	1	10	100

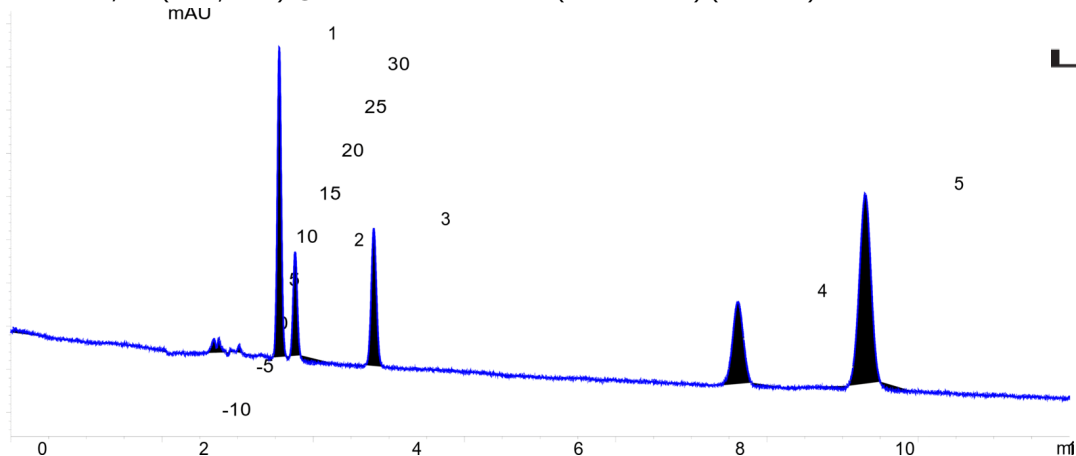
**Flow Rate:** 1.5 mL/min

**Col. Temp.:** 35 °C

**Detection:** LC/UV (DAD, PDA) @ 226.000000000 nm (nanometers) (ambient)  
mAU



Products used in this application:



### ANALYTES:

- 1** Tartaric acid  
Retention Time: 3.551 min
- 2** Quinic Acid  
Retention Time: 3.76 min
- 3** Malic Acid  
Retention Time: 4.801 min
- 4** Citric Acid  
Retention Time: 9.617 min
- 5** Fumaric Acid  
Retention Time: 11.297 min

