

# HPLC Application

ID No.: 14749

## Organic Acid Std. (AL0-3039)

**Column:** Rezex<sup>™</sup> ROA-Organic Acid H+ (8%), LC Column 300 x 7.8 mm, Ea

**Dimensions:** 300 x 7.8 mm ID

**Order No:** 00H-0138-K0

**Elution Type:** Isocratic

**Eluent A:** Sulfuric acid (0.005N)

| Gradient Profile: | Step No. | Time (min) | Pct A |
|-------------------|----------|------------|-------|
|                   | 1        | 0          | 100   |

**Flow Rate:** 0.5 mL/min

**Col. Temp.:** ambient

**Detection:** UV-Vis Abs.-Variable Wave.(UV) @ 210 nm (ambient)

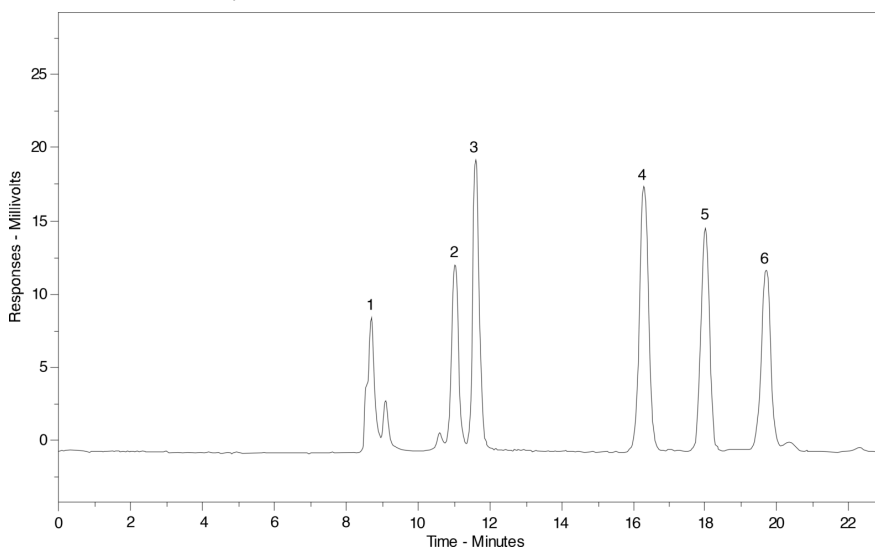
**Analyst Note:** This standard is used to test the following HPLC columns: REZEX ROA (H Organic Acid) and RFQ (H Fast Acid).

NOTE: Separation conditions and results may vary for your column. Contact your Technical Representative.

Peak 6: N=88607p/m



Products used in this application:



### ANALYTES:

- 1 Oxalic acid**  
Retention Time: 8.7 min
- 2 Citric acid**  
Retention Time: 11.04 min
- 3 Tartaric acid**  
Retention Time: 11.63 min
- 4 Succinic acid**  
Retention Time: 16.3 min
- 5 Formic acid**  
Retention Time: 18 min
- 6 Acetic acid**  
Retention Time: 16.7 min

