HPLC Application

ID No.: **14749**

Organic Acid Std. (AL0-3039)

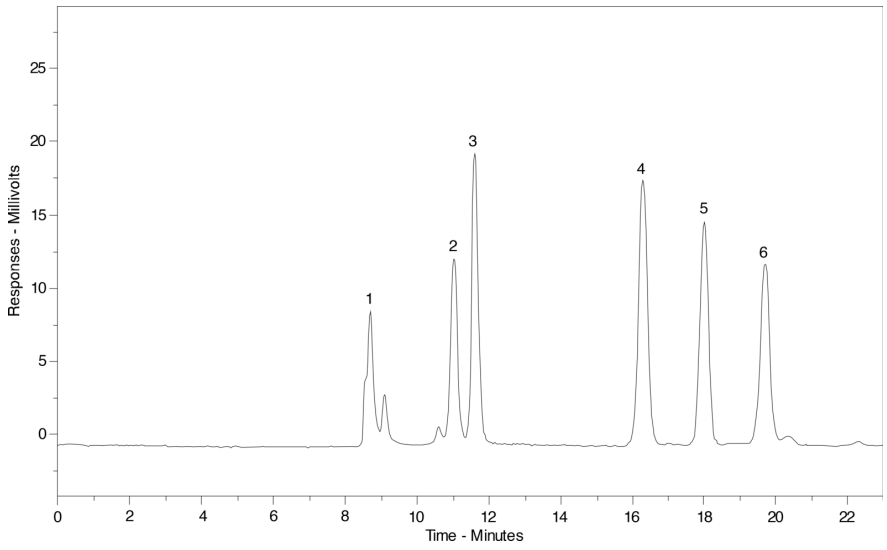
Column: Rezex™ ROA-Organic Acid H+ (8%), LC Column 300 x 7.8 mm, Ea
Dimensions: 300 x 7.8 mm ID
Order No: 00H-0138-K0
Elution Type: Isocratic
Eluent A: Sulfuric acid (0.005N)

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 Organc 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

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