

## アスコルビン酸とエリソルビン酸の分離

### Ascorbic acid

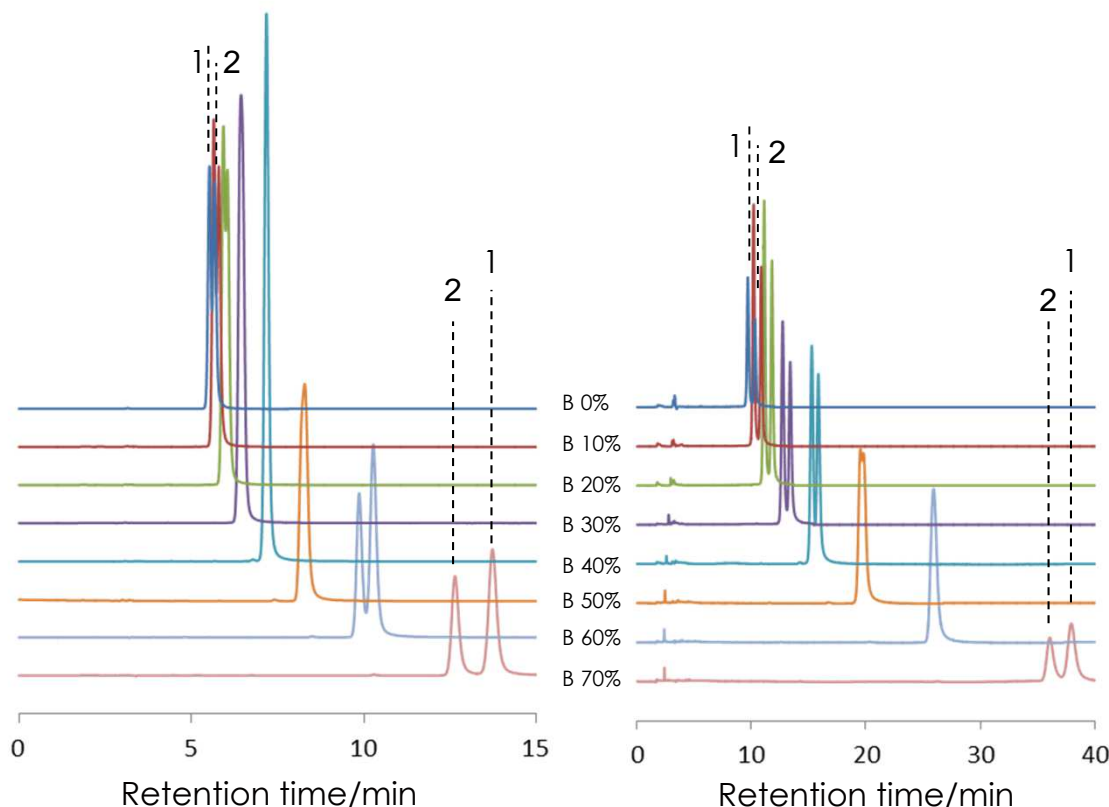
SunArmor NH2 5 µm, 250 x 4.6 mm i.d.

A: 5% Acetic acid in water

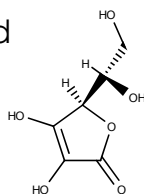
B: 5% Acetic acid in acetonitrile

A: 1% Acetic acid in water

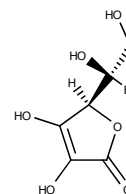
B: 1% Acetic acid in acetonitrile



1. Ascorbic acid



2. Erythorbic acid



Column :

SunArmor NH2, 5µm 250 x 4.6 mm i.d.

Mobile phase : A) (1% or 5%) Acetic acid in water

B) (1% or 5%) Acetic acid in acetonitrile

Flow rate : 1.0 mL/min

Temperature : 40 °C

Detection : UV@260 nm

Injection volume : 1 µL

Sample : 1 = Ascorbic acid,  
2 = Erythorbic acid

Instrument

Hitachi Chromaster®

Detector: 5410

Oven: 5310

AutoSampler: 5260

Pump: 5160

