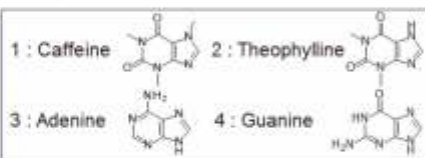
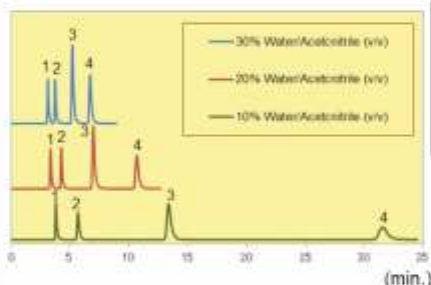




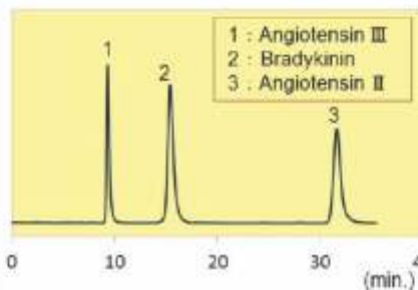
Applications of Chromasol HILIC

Influence of water in retention time when using ARG Silica in HILIC mode



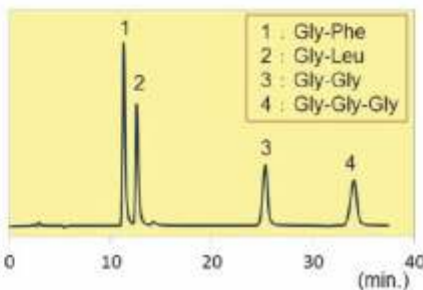
Media : ARG SPS100-5
Column : Φ 4.6mm \times 250mm
Flow rate : 1 ml/min.
Detector : UV254 nm.

1. Separation of Polypeptide



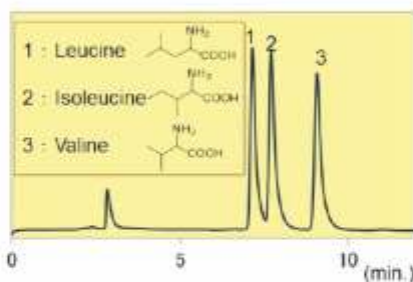
Media : ARG SPS100-5
Column : Φ 4.6mm \times 250mm
Mobile phase : Acetonitrile / 50mM Tris-HCl
pH=8.5 (70 : 30) (v/v)
Flow rate : 1 ml/min.
Detector : UV220 nm

2. Separation of Oligopeptide



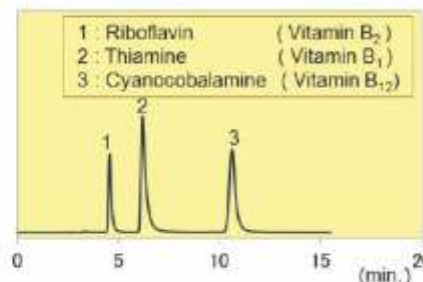
Media : ARG SPS100-5
Column : Φ 4.6mm \times 250mm
Mobile phase : Acetonitrile / 50mM Tris-HCl
pH=8.5 (70 : 30) (v/v)
Flow rate : 1 ml/min.
Detector : UV220 nm

3. Separation of Amino acid



Media : ARG SPS100-5
Column : Φ 4.6mm \times 250mm
Mobile phase : Acetonitrile / 50mM AcONa
pH=4.5 (70 : 30) (v/v)
Flow rate : 1 ml/min.
Detector : UV220 nm

4. Separation of Vitamin



Media : ARG SPS100-5
Column : Φ 4.6mm \times 250mm
Mobile phase : Acetonitrile / 50mM Tris-HCl
pH=8.5 (70 : 30) (v/v)
Flow rate : 1 ml/min.
Detector : UV254 nm