

Monovalent and Divalent Cation Standards (Eluent Containing Acetonitrile)

IC YS-50 can use the eluent adding acetonitrile (up to 50%). Adding acetonitrile can weaken hydrophobic interaction, and therefore quicken the elution of highly hydrophobic cations. Note: Not every organic solvent can be used. (Methanol is unusable.)

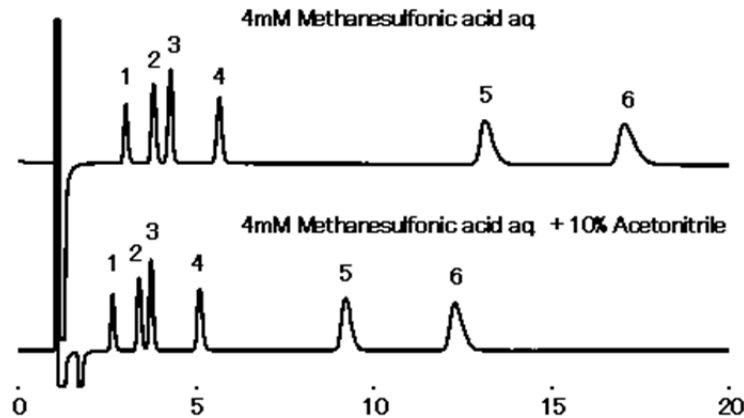
Chromatographic Conditions:

Column: Shodex IC YS-50 (4.6mmI.D. x 125mm)

Flow rate: 1.0mL/min

Detector: Non-suppressed conductivity

Column temp.: 40°C



Sample : 10 μ L

1. Li⁺ 2mg/L
2. Na⁺ 10mg/L
3. NH₄⁺ 10mg/L
4. K⁺ 20mg/L
5. Mg²⁺ 10mg/L
6. Ca²⁺ 20mg/L