

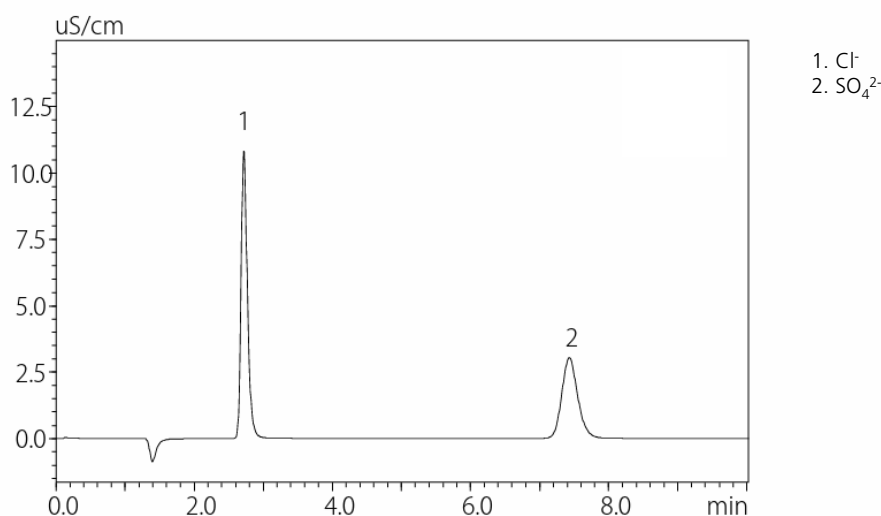
**CoreFocus**  
**Report**  
**No.441**

Ion Chromatography (IC)

Shim-pack Series

**Shim-pack™ IC-SA2,**  
**Analysis of Chloride ion and sulfate ion in**  
**chondroitin sulfate**

**Keywords:** counter ion analysis, Japanese Pharmacopeia, suppressor ion chromatogram, anion analysis



|                |                                                                                       |
|----------------|---------------------------------------------------------------------------------------|
| Column         | : Shim-pack IC-SA2, (250 mm L x 4.0 mm I.D., 9 $\mu\text{m}$ ) , P/N : 228-38983-91   |
| Guard Column   | : Shim-pack IC-SA2(G), (10 mm L x 4.0 mm I.D., 9 $\mu\text{m}$ ) , P/N : 228-38983-92 |
| Mobile phase   | : A) 1.7 mmol/L Sodium hydrogen carbonate<br>B) 1.8 mmol/L Sodium carbonate           |
| Flow rate      | : 0.9 mL/min                                                                          |
| Column temp.   | : 30 °C                                                                               |
| Injection vol. | : 25 $\mu\text{L}$                                                                    |
| Detection      | : Conductivity                                                                        |
| Vial           | : Shimadzu Vial, LC, Polypropylene, P/N: 228-31537-91                                 |

Source : Application News an\_01-00414 ([JP](#))

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