

## Linearity of Calibration Curves (YS-50)

Calibration curves for cations analyzed using IC YS-50 by non-suppressor method are shown. Each of which has excellent linearity with a coefficient of determination ( $R^2$ ) of 0.999 or above.

### Chromatographic Conditions:

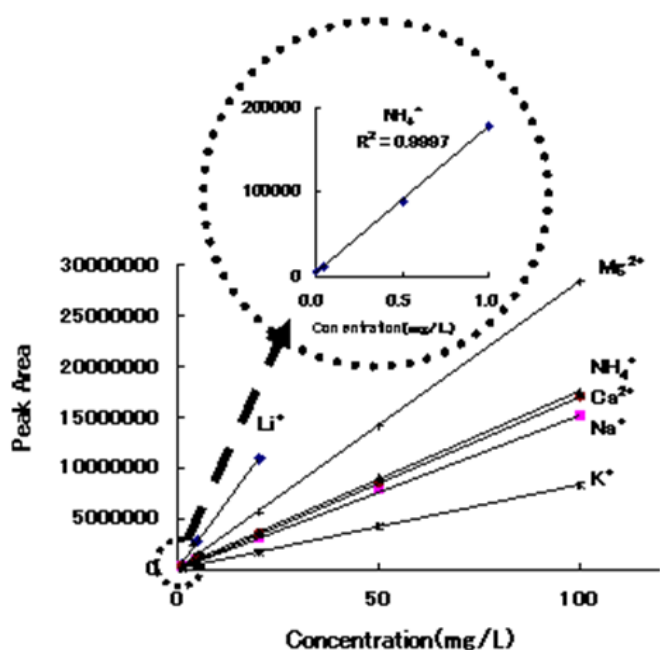
Column: Shodex IC YS-50 (4.6 mm I.D. x 125 mm)

Eluent: 4 mM Methanesulfonic acid aq.

Flow rate: 1.0 mL/min

Detector: Non-suppressed conductivity

Column temp.: 40 °C



Coefficient of determination (1 to 100 mg/L)	
$\text{Li}^+$	1.000
$\text{Na}^+$	0.9998
$\text{NH}_4^+$	0.9997
$\text{K}^+$	1.0000
$\text{Mg}^{2+}$	1.0000
$\text{Ca}^{2+}$	1.0000