

# APPLICATION NOTE

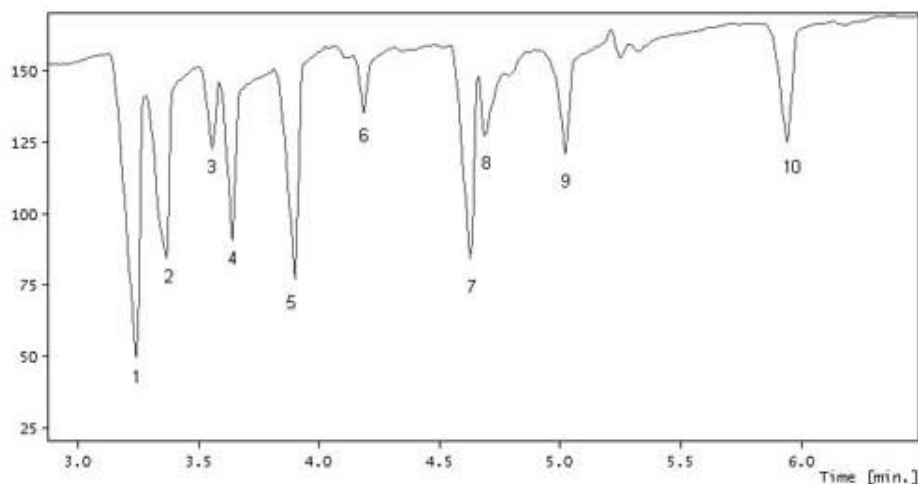
**Application Note :** 002

**Title of application :**

Sensitivity of PGD : Common anions

**Area of application :**

N.A.



**Conditions :**

Buffer	CE-AN001 Kit
Sample	1. Cl <sup>-</sup> (5 ppm); 2. NO <sub>2</sub> <sup>-</sup> /Br <sup>-</sup> (5 ppm); 3. NO <sub>3</sub> <sup>-</sup> (5 ppm); 4. SO <sub>4</sub> <sup>2-</sup> ; 5. F <sup>-</sup> (5 ppm); 6. PO <sub>4</sub> <sup>3-</sup> ; 7. CO <sub>3</sub> <sup>2-</sup> ; 8. Unknown; 9. Ac <sup>-</sup> (5 ppm); 10. H <sub>3</sub> BO <sub>3</sub> (5 ppm)
Capillary specifications	50µm ID, 35cm Length
Injection mode	Hydrodynamic injection for 30 seconds at height of 10 cm
Separation settings	-7.5kV
Instrument used	CE-P1

**Description :**

CE-P1 can sensitively detect common anions in water. For most of the anions, the detection limits are approximately 0.1 ppm.