



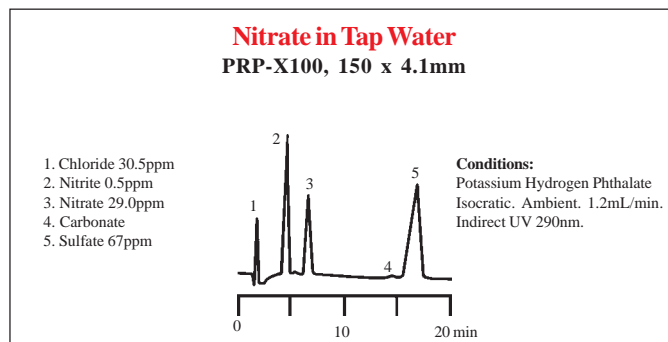
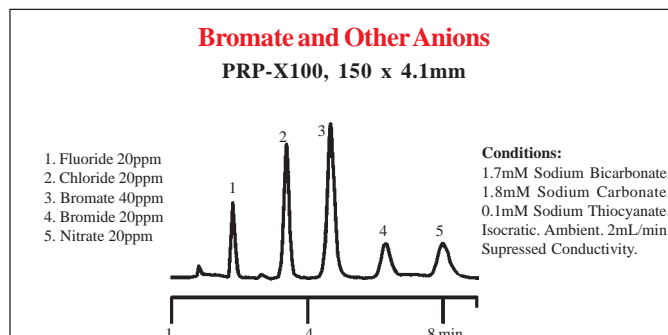
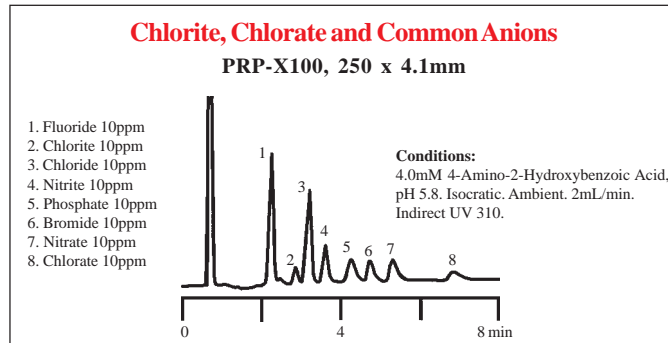
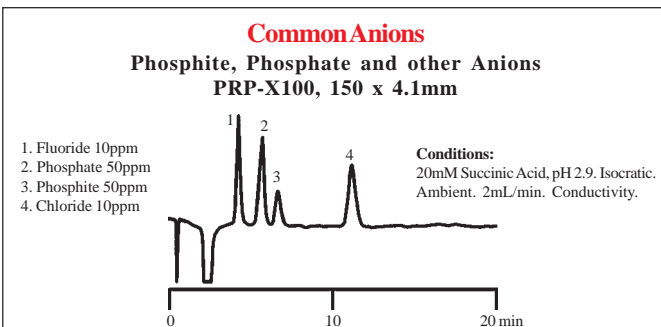
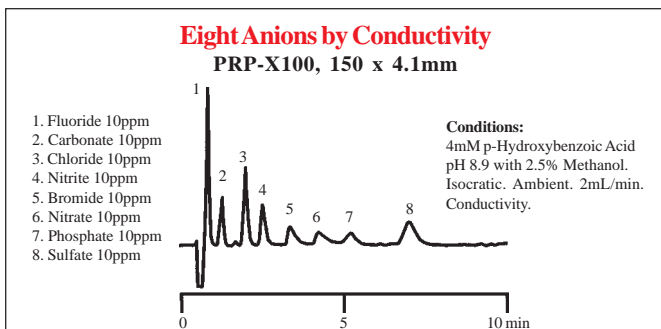
PRP-X100 Anion

- Separates inorganic or organic anions on a single, non-suppressed column
- Easily separates the eight common anions; more complex matrices can be analyzed at pH 11.5
- 0.5 to 150 ppm per anion detection limits are achieved with conductivity or indirect UV detectors
- PRP-X100 columns are compatible with virtually any HPLC system

PRP-X100 columns separate inorganic or organic anions the easy way using non-suppressed mode. Use these columns with any existing HPLC to determine anions in air, food, pharmaceuticals, soil, and water.

PRP-X100 columns quickly and easily separate the eight common inorganic anions: bromide, carbonate, chloride, fluoride, nitrate, nitrite, phosphate, and sulfate. Because of the exceptional pH stability of the polymeric resin, anions in more complex matrices can be analyzed at pH 11.5.

Single column, non-suppressed, ion chromatography uses partially ionized organic acids as modifiers to the mobile phase. They provide a strong counter-ion for elution and have a low equivalent conductance. This allows conductivity detection to be utilized without chemical suppression. When p-hydroxybenzoic acid is the eluent, either conductivity or indirect UV (vacancy) detection can be used. 0.5 to 150 ppm per anion detection limits can be achieved with either of these detection methods.



PRP-X100 Analytical Columns

Cat. No.	Description
79810	3µm, 4.1 x 50mm
79811	3µm, 4.1 x 100mm
79812	3µm, 4.1 x 150mm
79538	5µm, 4.1 x 100mm
79365	10µm, 4.1 x 50mm
79439	10µm, 4.1 x 100mm
79561	10µm, 4.1 x 125mm
79434	10µm, 4.1 x 150mm
79433	10µm, 4.1 x 250mm
79354	10µm, 4.6 x 150mm PEEK
79455	10µm, 4.6 x 250mm PEEK

Microbore

79421	10µm, 2.1 x 150mm
79346	10µm, 2.1 x 250mm

Guard Columns

79448	Starter kit (one holder and two cartridges)
79446	Replacement cartridges, 5/pk
79383	PEEK Starter kit (one holder and two cartridges)
79385	PEEK Replacement cartridges, 5/pk