

VertiSep™ Anion AX2

- Separates Common Anions and Strongly Retained Hydrophobic Anions
- Separates weak organic acids anions
- Hydrophilic Packing for Maximum Efficiency
- Ideal for Gradient Separations with Carbonate/carbonate Mobile Phases

VertiSep™ Anion AX2 column is packed with hydrophilic copolymer with Quaternary Ammonium functional groups providing symmetrical peak shapes for all anions by Suppressed IC.

VertiSep™ Anion AX2 column is ideal for routine common anions analysis and for determining other strongly retained hydrophobic anions such as Iodide, Thiosulfate, and Thiocyanate. Carbonate/Bicarbonate gradients offer a powerful tool for separating anions that have a wide range of affinities for the column.

VertiSep™ Anion AX2 column can also be used to determine weak organic anions such as Acetate and Formate without the interference from Fluoride and Chloride.

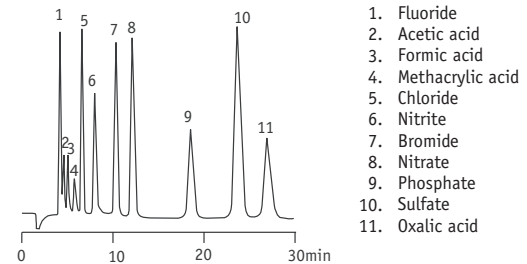
Specifications

Base material	Hydrophilic copolymer
Functional group	Quaternary Ammonium
Particle Size	5µm
Mobile phase limits	pH 3-12, 0-100% Organic modifier

Ordering Information

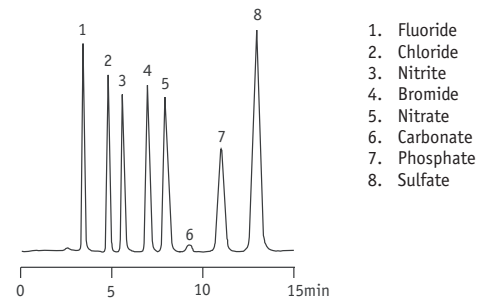
Description	QTY	Part No.
VertiSep™ Anion AX2 Columns		
4.6x250mm, PEEK	1	03R7-D522
VertiSep™ Anion AX2 Guards		
Guard Cartridge, 4.0x10mm, PEEK	2	03R7-D113
Guard Holder	1	0300-0001

Anions and Organic acids



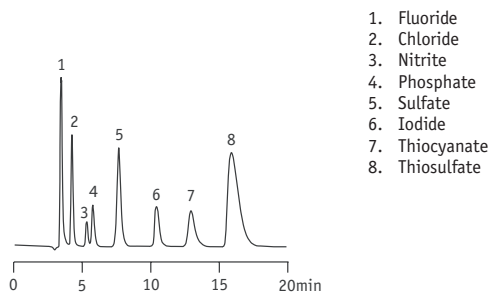
Column: VertiSep™ Anion AX2, 4.0x250mm
 Mobile Phase: 12mM NaHCO₃
 Flow Rate: 1.0mL/min
 Temp: 30 °C
 Detection: Suppressed Conductivity

Anions Standards



Column: VertiSep™ Anion AX2, 4.0x250mm
 Mobile Phase: 1.7mM NaHCO₃/1.8mM Na₂CO₃
 Flow Rate: 1.0mL/min
 Detection: Suppressed Conductivity

Strong anions and Hydrophobic anions



Column: VertiSep™ Anion AX2, 4.0x250mm
 Mobile Phase: 5.5mM Na₂CO₃
 Flow Rate: 1.0mL/min
 Temp: 35 °C
 Detection: Suppressed Conductivity