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Thermo Scientific™

Dionex™ IonPac™ AS14A IC Columns

High capacity anion-exchange column for fast isocratic separation of inorganic anions in environmental matrices using a simple carbonate/bicarbonate eluent.

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Catalog Number	Length (Metric)	Diameter (Metric)	Column Type
056904	250 mm	4 mm	Analytical Column
056903	150 mm	3 mm	Analytical Column
056902	90 mm	3 mm	Analytical Column

056897	50 mm	4 mm	Guard Column
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Catalog number **056904**



Price (MDL)

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Length (Metric):	250 mm
Diameter (Metric):	4 mm
Column Type:	Analytical Column

[Product Overview](#)



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Deliver fast isocratic separation of inorganic anions from diverse and complex matrices such as drinking water, wastewater, foods and beverages, and scrubber solutions with the Thermo Scientific™ Dionex™ IonPac™ AS14A Carbon Eluent Anion-Exchange Column. The Dionex IonPac AS14A column meets or exceeds the requirements of U.S EPA Method 300.0 (A). However, the Dionex IonPac AS22 Carbonate Eluent Anion-Exchange column, an advanced carbonate eluent column, is recommended for fast analysis of inorganic anions. For the fastest separation of inorganic anions using a carbonate/bicarbonate eluent, the Dionex IonPac AS22-Fast column is recommended.

Fast Separation of Inorganic Anions in Diverse Matrices

- Compliance monitoring of common anions in drinking water as specified in U.S. EPA Method 300.0 (A)
- Separation of common inorganic anions in 8 min (3 x 150mm format) or 13 min (4 x 250mm format) in diverse sample matrices
- Superior retention and quantification of fluoride
- Compatible with sodium or potassium hydroxide gradient to optimize difficult separations
- Solvent compatibility permits easy column cleanup after the analysis of samples with hydrophobic components.

Multiple Formats Available for Application Flexibility

- 4x250mm, 3x150mm analytical columns
- 4x50mm, 3x30mm guard columns
- Longer 250mm columns facilitate higher resolution separations of more complex sample matrices
- Shorter 150mm columns produce faster runs of relatively clean matrices
- Smaller i.d. columns provide higher mass sensitivity, eluent and reagent conservation and lower operating costs

Use with the Dionex IonPac AS14 Eluent Concentrate and the Combined Seven Anion Standard for simple, accurate eluent preparation.

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Specifications	
Anion Exchange Capacity	65 µeq
Column Capacity	120 µeq
Column Chemistry	Carbonate/Bicarbonate
Column Construction	PEEK
Crosslinking	55% DVB
Flow Rate	1.0 to 3.0 mL/min.
For Use With (Application)	Anion Exchange
For Use With (Equipment)	ASRS 300 System
Green Features	FSC
Hydrophobicity	Medium-High
Ion Exchange Group	Alkyl Quaternary Ammonium
Max. Pressure	4000 psi (275 bar)
Particle Size	7 µm
Pore Size	100 Å
Quantity	Each 1
Solvent Compatibility	pH 2 to 11, 0 to 100% HPLC Solvents
Stationary Phase	IonPac AS14A
Column Type	Analytical Column
Diameter (Metric)	4 mm
Format	Standard Bore
Length (Metric)	250 mm
pH	2 to 11
Unit Size	Each 1



Have questions about this product? Ask our AI assisted search.

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Brochures



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Manuals



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Specification Sheets



 [Specification Sheet: IonPac AS14A Anion-Exchange Column](#)