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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
056897	50 mm	4 mm	Guard Column
1901	150 mm	3 mm	Analytical Column

056899

30 mm

3 mm

Guard Column

Catalog number **056897**

Price (MDL)

-

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Length (Metric):

50 mm

Diameter (Metric):

4 mm

Column Type:

Guard Column

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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.



purposes only does not apply to the product(s) on the web pages associated with this statement.

Specifications	
Certifications/Compliance	U.S. EPA Method 300.0 (A)
Column Capacity	24 µeq
For Use With (Application)	Anion Exchange
For Use With (Equipment)	IonPac AS14A Analytical Column
Green Features	FSC
Hydrophobicity	Moderate
Max. Pressure	4000 psi (275 bar)
Particle Size	7 µm
Quantity	Each 1
Solvent Compatibility	pH 0 to 14, 0 to 100% HPLC Solvents
Stationary Phase	IonPac AG14A
Column Type	Guard Column
Diameter (Metric)	4 mm
Format	Standard Bore
Length (Metric)	50 mm
Unit Size	Each 1



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

🔍 Ask a question about this product.



Documents & Downloads

Certificates

Lot #	Certificate Type	Date	Catalog Number(s)
240105043	Certificate of Analysis	Feb 06, 2024	056901
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240104042	Certificate of Analysis	Feb 06, 2024	056901
240104054	Certificate of Analysis	Feb 06, 2024	056901

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Scientific Resources

Application Notes

[Application Note: Fast Analysis of Anions in Drinking Water by Ion Chromatography](#)

Brochures

[Selection Tool: Thermo Scientific Dionex IonPac IC column selection guide](#)

Just Information



[Manual: IonPac AS14A Manual](#)

Specification Sheets



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