

# PRP-X110S Anion Exchange HPLC Column, 4.1 x 250 mm, 7 µm

Specification Sheet (Part/REF # 79735)



High sensitivity detection ion exchange chromatography of organic and inorganic anions, organic acids, organic and inorganic arsenic species, halides, nucleotides.

## Product Specifications

Separation Mode	Anion Exchange
Stationary Phase	PRP-X110S
Format	HPLC Column
Hardware Inner Diameter	4.1 mm
Hardware Length	250 mm
Particle Size	7 µm
Packing Material Type	PSDVB/Trimethylammonium
Pore Size	100 Å
Particle Surface Area (m <sup>2</sup> /cm <sup>3</sup> )	476
Pore Volume (cm <sup>3</sup> /g)	0.728
Hardware Material	Stainless Steel
Max Pressure	5,000 psi
Exchange Capacity	0.11 meq/gm
Exchange Capacity/Column	0.176 meq/column
Mobile Phase Limits	pH 1-13. 0-100% aqueous, organic modifier
Buffer Strength	0.0-0.5N
Temp Limits	pH 1-7.9 (5-60°C); pH 8-13 (5-30°C)
Restoration	Pump approximately 50 mL of methanol with 1% 6 N nitric acid.
Compound Classification	Organic/Inorganic Anions
UOM	1 EACH

Specifications are subject to change without notice

<https://www.hamiltoncompany.com/hplc-columns/79735>

Spec. Version B