

# PRP-X100 Anion Exchange Chromatography Column, 4.1 x 150 mm, 10 µm

Specification Sheet (Part/REF # 79434)



Organic and inorganic anions, and arsenic speciation.

## Product Specifications

Separation Mode	Anion Exchange
Stationary Phase	PRP-X100
Format	HPLC Column
Hardware Inner Diameter	4.1 mm
Hardware Length	150 mm
Particle Size	10 µm
Packing Material Type	PSDVB/Trimethylammonium
Pore Size	100 Å
Particle Surface Area (m <sup>2</sup> /cm <sup>3</sup> )	405
Pore Volume (cm <sup>3</sup> /g)	0.64
Hardware Material	Stainless Steel
Max Pressure	5,000 psi
Exchange Capacity	0.19 meq/gm
Exchange Capacity/Column	0.152 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/laboratory-products/hplc-columns/79434>

Spec. Version B