

# PRP-X100 Anion Exchange HPLC Column, PEEK, 4.6 x 150 mm, 5 µm

Specification Sheet (Part/REF # 79174)



High capacity 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-X100
Format	HPLC Column
Hardware Inner Diameter	4.6 mm
Hardware Length	150 mm
Particle Size	5 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	PEEK
Max Pressure	5,000 psi
Exchange Capacity	0.19 meq/gm
Exchange Capacity/Column	0.228 meq/column
Mobile Phase Limits	pH 1-13. 0-100% aqueous, organic modifier
Buffer Strength	0.0-0.5N
Temp Limits	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/79174>

Spec. Version B