

# PRP-X100 Anion Exchange HPLC Column, 4.1 x 50 mm, 5 µm

Specification Sheet (Part/REF # 79810)



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

## Product Specifications

<b>Separation Mode</b>	Anion Exchange
<b>Stationary Phase</b>	PRP-X100
<b>Format</b>	HPLC Column
<b>Hardware Inner Diameter</b>	4.1 mm
<b>Hardware Length</b>	50 mm
<b>Particle Size</b>	5 µm
<b>Packing Material Type</b>	PSDVB/Trimethylammonium
<b>Pore Size</b>	100 Å
<b>Particle Surface Area (m<sup>2</sup>/cm<sup>3</sup>)</b>	405
<b>Pore Volume (cm<sup>3</sup>/g)</b>	0.64
<b>Hardware Material</b>	Stainless Steel
<b>Max Pressure</b>	5,000 psi
<b>Exchange Capacity</b>	0.19 meq/gm
<b>Mobile Phase Limits</b>	pH 1-13. 0-100% aqueous, organic modifier
<b>Buffer Strength</b>	0.0-0.5N
<b>Temp Limits</b>	pH 1-7.9 (5-60°C); pH 8-13 (5-30°C)
<b>Restoration</b>	Pump approximately 50 mL of methanol with 1% 6 N nitric acid.
<b>Compound Classification</b>	Organic/Inorganic Anions
<b>UOM</b>	1 EACH

Specifications are subject to change without notice

<https://www.hamiltoncompany.com/laboratory-products/hplc-columns/79810>

Spec. Version B