

# PRP-X100 Anion Exchange HPLC Column, PEEK, 4.6 x 250 mm, 10 μm

Specification Sheet (Part/REF # 79455)



Organic and inorganic anions, and arsenic speciation.

## Product Specifications

<b>Separation Mode</b>	Anion Exchange
<b>Stationary Phase</b>	PRP-X100
<b>Format</b>	HPLC Column
<b>Hardware Inner Diameter</b>	4.6 mm
<b>Hardware Length</b>	250 mm
<b>Particle Size</b>	10 μm
<b>Packing Material Type</b>	PSDVB/Trimethylammonium
<b>Pore Size</b>	100 Å
<b>Hardware Material</b>	PEEK
<b>Max Pressure</b>	5,000 psi
<b>Exchange Capacity</b>	0.19 meq/gm
<b>Exchange Capacity/Column</b>	0.319 meq/column
<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>	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

**UOM**

1 EACH

---

Specifications are subject to change without notice

**Spec. Version B**

<https://www.hamiltoncompany.com/laboratory-products/hplc-columns/79455>