

PRP-X100 Anion Exchange HPLC Column, 4.1 x 50 mm, 10 µm

Specification Sheet (Part/REF # 79365)



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 | 4.1 mm |
| Hardware Length | 50 mm |
| Particle Size | 10 µm |
| Packing Material Type | PSDVB/Trimethylammonium |
| Pore Size | 100 Å |
| Particle Surface Area (m ² /cm ³) | 405 |
| Pore Volume (cm ³ /g) | 0.64 |
| Hardware Material | Stainless Steel |
| Max Pressure | 5,000 psi |
| Exchange Capacity | 0.19 meq/gm |
| 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/79365>

Spec. Version B