

PRP-X100 Anion Exchange HPLC Column, PEEK, 4.6 x 150 mm, 10 µm

Specification Sheet (Part/REF # 79354)



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

Product Specifications

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| Separation Mode | Anion Exchange |
| Stationary Phase | PRP-X100 |
| Format | HPLC Column |
| Hardware Inner Diameter | 4.6 mm |
| Hardware Length | 150 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 | 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/79354>

Spec. Version B