

PRP-X800 Cation Exchange HPLC Column, 4.1 x 250 mm, 7 µm

Specification Sheet (Part/REF # 79828)



PRP-X800 is a distinct cation exchange resin renowned for its proficiency in managing monovalent and divalent metals, explicitly focusing on transition metals such as manganese, zinc, cobalt, and cadmium. Its ability to bind with these metals makes it valuable in various applications ranging from water treatment to metallurgical processing.

Product Specifications

Separation Mode	Cation Exchange
Stationary Phase	PRP-X800
Format	HPLC Column
Hardware Inner Diameter	4.1 mm
Hardware Length	250 mm
Particle Size	7 µm
Packing Material Type	PSDVB/Itaconate
Pore Size	100 Å
Particle Surface Area (m ² /cm ³)	50
Pore Volume (cm ³ /g)	0.166
Hardware Material	Stainless Steel
Max Pressure	5,000 psi
Exchange Capacity	1.6 meq/gm
Exchange Capacity/Column	2.56 meq/column
Mobile Phase Limits	pH 1-13. 0-100% aqueous, organic modifier
Buffer Strength	0.0-0.5N
Temp Limits	5-60°C
Compound Classification	Mono-Divalent Organic/Inorganic Cations - Transition Metals
UOM	1 EACH

Specifications are subject to change without notice

<https://www.hamiltoncompany.com/hplc-columns/79828>

Spec. Version B