

PerkinElmer Brownlee™ Cartridges



Aquapore® is a wide-pore (300Å, 7µm), silica based support suitable for the separation of large biopolymers.

Spheri-5® is a small pore (80Å, 5µm), silica based sorbent for separating small molecules. Both monofunctional and polyfunctional C8 and C18 sorbents are available.

Polypore® packings are derivatized polystyrene divinylbenzene copolymer resins. The Polypore H cartridges are optimized for organic acid separations and the Polypore CA cartridges are for saccharide separations.

Specifications

Product	Functionality	Pore Diameter	Surface Area	% Carbon	End Cap
Spheri-5, RP-8	Octyl (C8) monofunctional	80Å	180m ² /g	6%	yes
Spheri-5, RP-18	Octyl (C18) monofunctional	80Å	180m ² /g	11%	yes
Spheri-5, ODS	Octyl (C18) polyfunctional	80Å	180m ² /g	14%	yes
Spheri-5, Phenyl	Phenyl	80Å	180m ² /g	6%	yes
Spheri-5, Silica	Hydroxyl	80Å	180m ² /g	N/A	N/A
Spheri-5, Amino	Aminopropyl	80Å	180m ² /g	3%	no
Spheri-5, Cyano	Cyanopropyl	80Å	180m ² /g	4%	no
Aquapore ODS, OD-300	Octadecyl (C18)	300Å	100m ² /g	10%	yes
Aquapore Octyl, RP-300	Octyl (C8)	300Å	100m ² /g	5%	yes
Aquapore Butyl, BU-300	Butyl (C4)	300Å	100m ² /g	3%	yes
Aquapore weak anion, AX-300	Polyethyleneimine	300Å	100m ² /g	N/A	N/A
Product	Functionality	Pore Diameter			
Polypore H for organic acid separation	Hydrogen form	microporous			
Polypore CA for organic acid separation	Calcium form	microporous			

Description	3cm Cartridges (2/pk) <i>(Holder 0715-0013)</i>		10cm Cartridges <i>(Holder 0715-0014 or 0715-0016)</i>		22cm Cartridges <i>(Holder 0715-0015 or 0715-0017)</i>		
	4.6mm ID Cat. No. / \$	2.1mm ID Cat. No. / \$	4.6mm ID Cat. No. / \$	2.1mm ID Cat. No. / \$	4.6mm ID Cat. No. / \$	2.1mm ID Cat. No. / \$	
Reverse Phase	RP-8 Spheri-5, C-8 5µm, monofunctional	0711-0001	0711-0002	0711-0003	0711-0004	0711-0005	0711-0006
	RP-8 Spheri-10, C-8 10µm, monofunctional	0711-0121		0711-0123			
	RP-18 Spheri-5, C-18 5µm, monofunctional	0711-0013	0711-0014	0711-0015	0711-0016	0711-0017	0711-0018
	RP-18 Spheri-10, C-18 10µm, monofunctional	0711-0115		0711-0117		0711-0119	
	ODS Spheri-5, C-18 5µm, polyfunctional	0711-0019	0711-0020	0711-0021	0711-0022	0711-0023	0711-0024
	PHENYL Spheri-5 5µm	0711-0025		0711-0027		0711-0029	
	CYANO Spheri-5 5µm, Cyanopropyl	0711-0043		0711-0045		0711-0047	
	OD-300 Aquapore ODS 7µm, 300Å pore size	0711-0235	0711-0234	0711-0232	0711-0233	0711-0231	0711-0236
	RP-300 Aquapore Octyl 7µm, 300Å pore size	0711-0055	0711-0056	0711-0057	0711-0058	0711-0059	0711-0060
	BU-300 Aquapore Butyl 7µm, 300Å pore size	0711-0061	0711-0062		0711-0064		
Polar Phase	SILICA Spheri-5 5µm, 80Å pore size	0711-0031		0711-0033		0711-0035	
	SILICA Spheri-10 10µm, 80Å pore size	0711-0145					
	AMINO Spheri-5 5µm, Aminopropyl	0711-0037		0711-0039		0711-0041	
	CYANO Spheri-5 Cyanopropyl	0711-0043		0711-0045		0711-0047	
Ion Exchange Ion Exclusion	AX-300 Aquapore Weak Anion 300Å, 7µm	0711-0073	0711-0074	0711-0075		0711-0077	
	HYDROGEN form Polypore H, 10µm	0711-0085		0711-0087		0711-0089	
	CALCIUM form Polypore CA, 10µm	0711-0091		0711-0093		0711-0095	