Peptide Packing Material in OBD Columns for Maximum Chemical and Physical Stability

When columns fail, they do so both physically and chemically. For columns used with low-pH mobile phases, the usual cause of abbreviated column life is hydrolysis of the bonded phase, which manifests itself as significant changes in peptide retention. Our BEH Technology Columns incorporate proprietary procedures for bonding and end-capping that yield stable bonded phases. In low-pH stability tests, BEH C_{18} columns showed only minimal retention loss. Our patented Optimum Bed Density (OBD) Technology, developed to create packed beds that are the most stable of any available, regardless of manufacturer, ensures the physical stability of these columns. Visit **www.waters.com/OBD** for details about OBD Technology.

Ordering Information

ACQUITY UPLC Peptide BEH C_{18} Columns

	Dimension	P/N
	Particle Size: 1.7 µm	
BEH C_{18}, 130Å	2.1 × 5 mm	186003975*
	2.1 × 50 mm	186003554
	2.1 × 100 mm	186003555
	2.1 × 150 mm	186003556
	Particle Size: 1.7 µm	
BEH C_{18}, 300Å	1.0 × 50 mm	186005592
	1.0 × 100 mm	186005593
	1.0 × 150 mm	186005594
	2.1 × 5 mm	186004629*
	2.1 × 50 mm	186003685
	2.1 × 100 mm	186003686
	2.1 × 150 mm	186003687

*VanGuard Pre-column, 3/pk.

ACQUITY UPLC Peptide BEH C_{18} Method Validation Kits*

	Dimension	P/N
	Particle Size: 1.7 µm	
BEH C_{18}, 130Å	2.1 × 100 mm	186004896
	2.1 × 150 mm	186006516
	Particle Size: 1.7 µm	
BEH C_{18}, 300Å	2.1 × 100 mm	186004897
	2.1 × 150 mm	186006516

*Each Method Validation Kit contains 3 columns, each from a different batch.

In-Line Filters

Description	P/N
In-line Filter Holder and (6) 0.2 µm Stainless Steel Replacement Filters	205000343
0.2 µm Stainless Steel Replacement Filters and End Nuts for 205000343, 5/pk	700002775

XBridge Peptide BEH C_{18} Method Validation Kits*

	Dimension	P/N	Dimension	P/N
	Particle Size: 3.5 µm		**Particle Size: 5 µm**	
BEH C_{18}, 130Å	4.6 × 100 mm	186004904	4.6 × 100 mm	186005463
	Particle Size: 3.5 µm		**Particle Size: 5 µm**	
BEH C_{18}, 300Å	4.6 × 100 mm	186004905	4.6 × 100 mm	186005464

*Each Method Validation Kit contains 3 columns, each from a different batch.