

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 C₁₈ 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 C₁₈ 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 C₁₈ 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 C₁₈ 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.