What can ACQUITY PREMIER do for your oligonucleotide analysis?

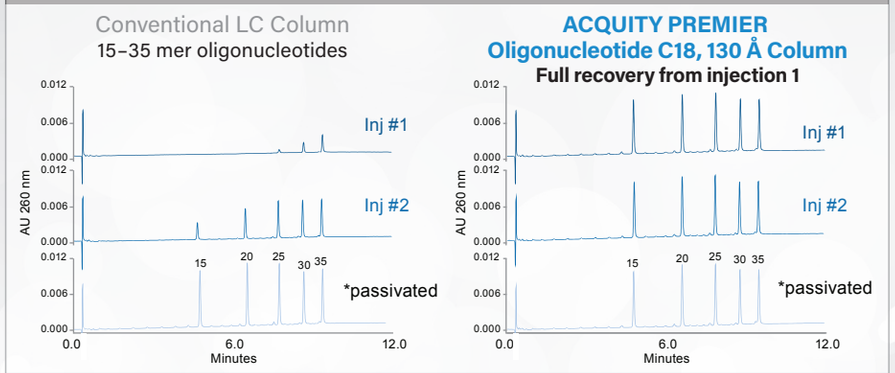
PREMIER

Ensure PREMIER performance for ALL separations

ACQUITY™ PREMIER solutions utilize MaxPeak™ High Performance Surfaces that are designed to increase analyte recovery, sensitivity, and reproducibility by minimizing analyte/surface interactions that can lead to sample losses.

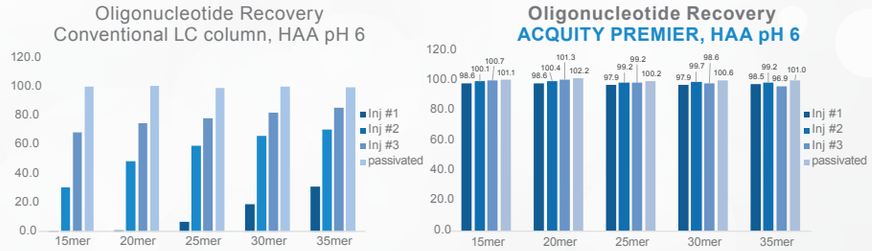
MAXPEAK HPS™

OUT-OF-THE-BOX PERFORMANCE



Injection of 2 µL of standard diluted in water, 10 pmol of each oligonucleotide injected on column.
*"Passivation" with 500 pmol injection of 35 mer, followed by "post passivation" injection of 10 pmol of standard.

HIGH **RECOVERY** AND **REPEATABILITY**



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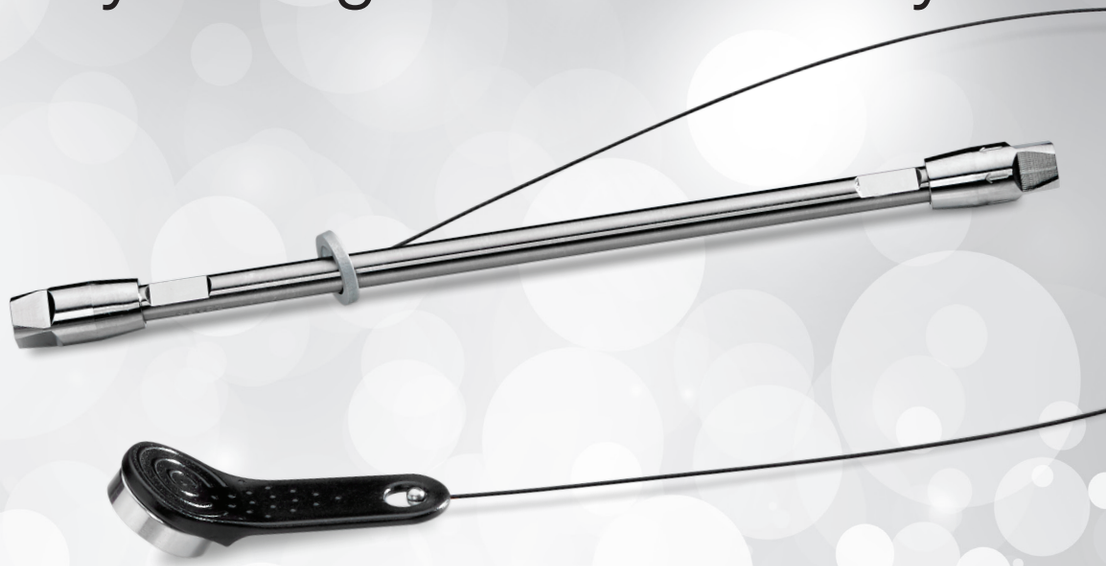
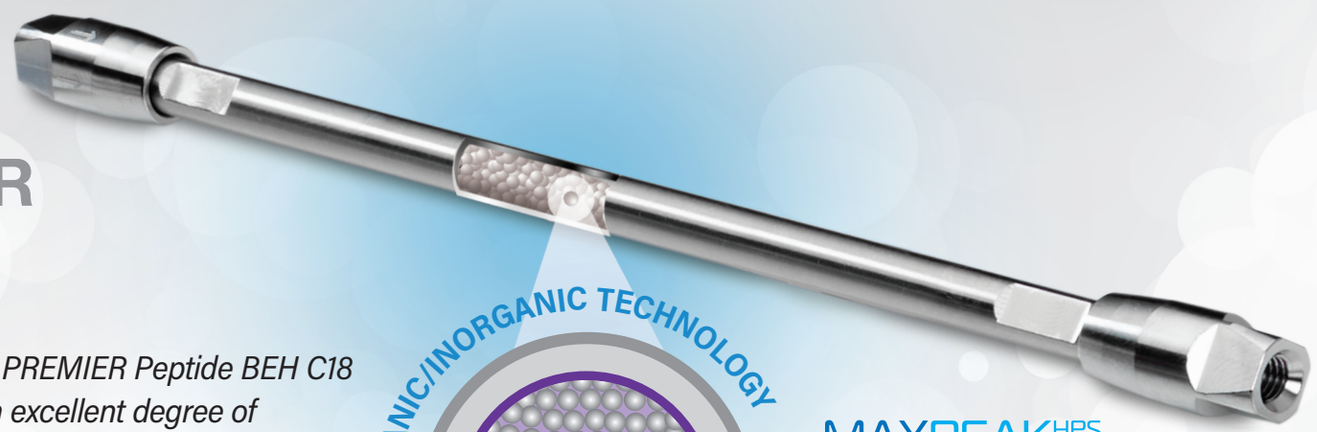


- **Precision chemistry for particles and surfaces**
- **Progressive, integrated technologies**
- **Protection from RISK**
- **Performance without sacrifice for ALL analytes**
- **Corrosion resistance to prevent column and MS fouling leachates**
- **Hybrid inorganic/ organic LC surfaces to protect metal-sensitive analytes**

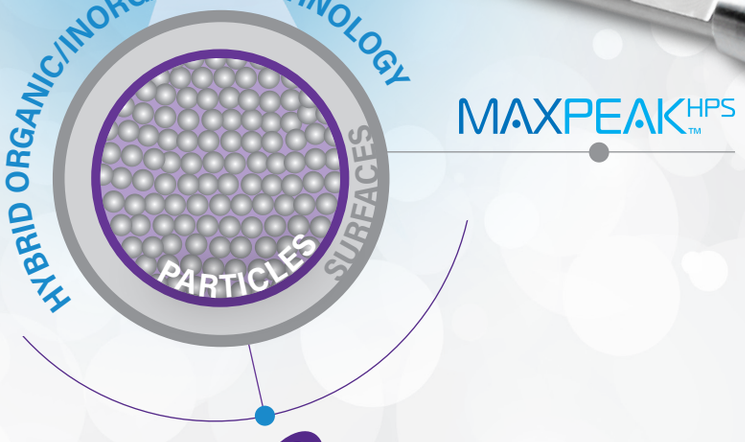
Waters
THE SCIENCE OF WHAT'S POSSIBLE.™

PREMIER



"The Waters ACQUITY PREMIER Peptide BEH C18 300 column shows an excellent degree of specificity and selectivity in denaturing and non-denaturing analysis of synthetic oligonucleotides, due to the absence of non-specific binding properties of this new column hardware in combination with great stationary phase performance. The Waters ACQUITY PREMIER Column is a highly valuable addition to our test package for the future development of synthetic oligonucleotides analytical methods."

– Janssen



MAXPEAK HPS™

BEH Technology™

Trifunctional C_{18} ligand, fully end-capped and bonded to the **Ethlyene-Bridged Hybrid (BEH)** particles.

- Outstanding peak capacity and superior peak shape in HFIP, HAA, and TEA
- Two pore sizes (130 Å and 300 Å) providing different separation selectivities

Ordering Information

ACQUITY PREMIER Columns for Oligonucleotide Analysis

Description	Dimension	Part Number
Oligonucleotide BEH C_{18}, 130 Å, 1.7 µm	2.1 x 50 mm	186009484
	2.1 x 100 mm	186009485
	2.1 x 150 mm	186009486
Peptide BEH C_{18}, 300 Å, 1.7 µm*	2.1 x 50 mm	186009493
	2.1 x 100 mm	186009494
	2.1 x 150 mm	186009495

For Method Validation Kit (MVK) part numbers, visit waters.com/PREMIER.

**Quality control tested for peptides; large pore size that is well suited for oligonucleotide separations.*