

What can ACQUITY PREMIER do for your small molecule analysis?

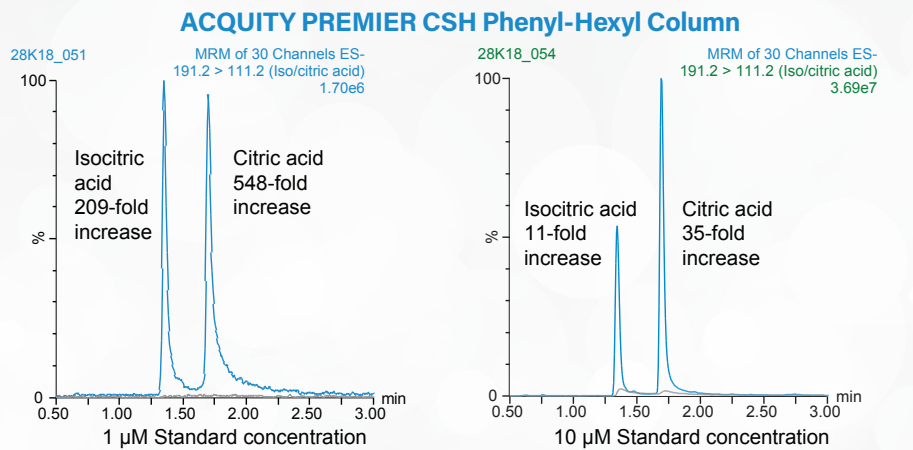


Ensure PREMIER performance for ALL separations

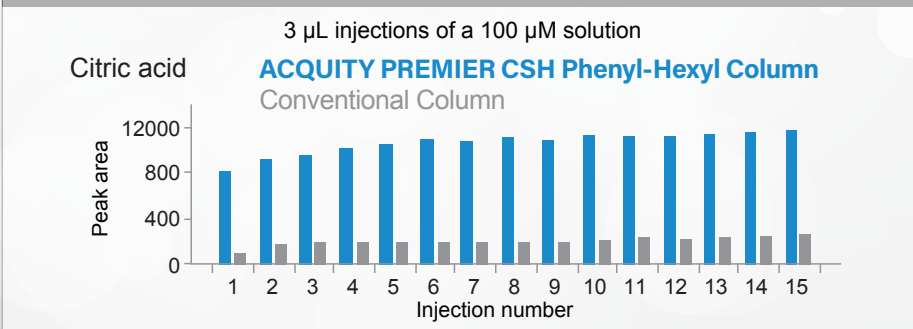
ACQUITY™ PREMIER solutions utilize MaxPeak™ High Performance Surfaces that are designed to increase analyte recovery, sensitivity, and reproducibility by minimizing analyte/surface interactions that can lead to sample losses.



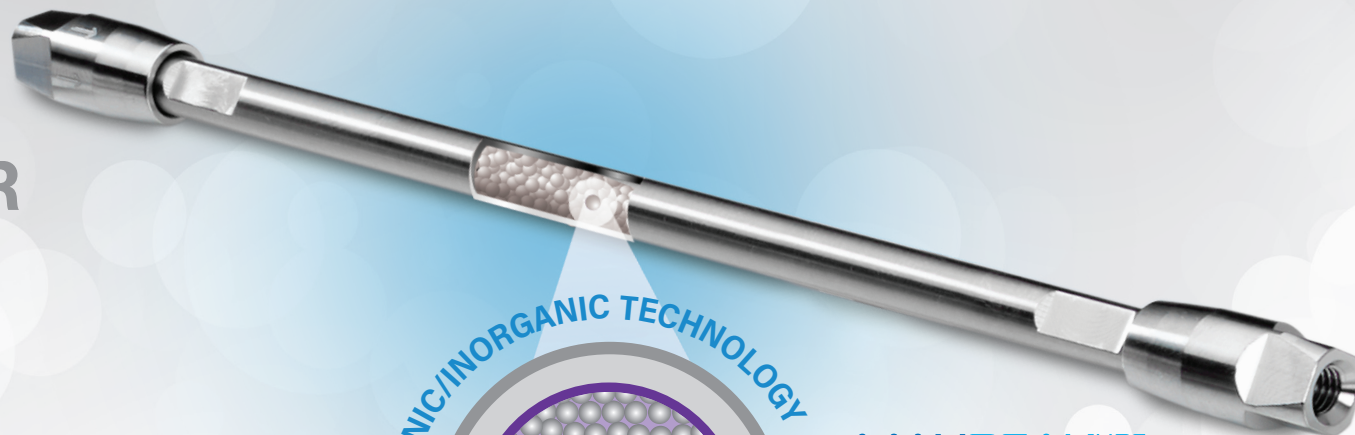
HIGHER SENSITIVITY AND RECOVERY AT LOW AND HIGH CONCENTRATIONS



OUT-OF-THE-BOX PERFORMANCE



- 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



MAXPEAK^{HPS}
HSS
 HIGH STRENGTH SILICA

High Strength Silica (HSS) particles

- Increased retention for both moderately polar and non-polar analytes under reversed-phase conditions.


BEH Technology™
Ethylene-Bridged Hybrid (BEH) particles

- Unparalleled pH stability, 1-12 for BEH C₁₈, 2-11 for Shield RP18.
- Increased temperature range, up to 90 °C.

CSH™ Technology
Charged Surface Hybrid (CSH™) particles

- Improved basic analyte peak shape when using low ionic strength acidic mobile phase.
- Increased basic analyte loading capacity under low pH conditions.

Ordering Information

ACQUITY PREMIER Columns for Small Molecule Analysis

Description	Dimension	Column Part Number	VanGuard™ FIT Column Part Number
BEH C ₁₈ , 1.7 μm	2.1 x 50 mm	186009452	186009455
	2.1 x 100 mm	186009453	186009457
	2.1 x 150 mm	186009454	186009458
CSH C ₁₈ , 1.7 μm	2.1 x 50 mm	186009460	186009463
	2.1 x 100 mm	186009461	186009464
	2.1 x 150 mm	186009462	186009465
HSS T3, 1.8 μm	2.1 x 50 mm	186009467	186009470
	2.1 x 100 mm	186009468	186009471
	2.1 x 150 mm	186009469	186009472
CSH Phenyl-Hexyl, 1.7 μm	2.1 x 50 mm	186009474	186009477
	2.1 x 100 mm	186009475	186009478
	2.1 x 150 mm	186009476	186009479
BEH Shield RP18, 1.7 μm	2.1 x 50 mm	186009497	186009500
	2.1 x 100 mm	186009498	186009501
	2.1 x 150 mm	186009499	186009502

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

ACQUITY PREMIER VanGuard FIT Cartridges

Description	Dimension	Part Number
BEH C ₁₈ , 1.7 μm	2.1 x 5 mm	186009459
CSH C ₁₈ , 1.7 μm	2.1 x 5 mm	186009466
HSS T3, 1.8 μm	2.1 x 5 mm	186009473
CSH Phenyl-Hexyl, 1.7 μm	2.1 x 5 mm	186009480
BEH Shield RP18, 1.7 μm	2.1 x 5 mm	186009503



©2020 Waters Corporation. Waters, The Science of What's Possible, ACQUITY, BEH Technology, CSH, MaxPeak, and VanGuard are trademarks of Waters Corporation. All other trademarks are the property of their respective owners. October 2020 720006997EN LM-SIG