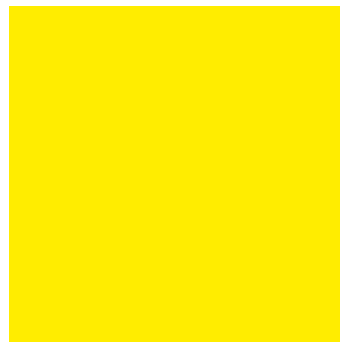
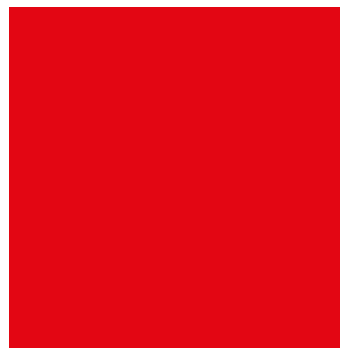


Your Specialists in Chromatography



High Performance HPLC Columns A New Platform for HPLC and Prep

Adamas[®]



SepaChrom

Adamas® Ultra High Purity Silica Platform for HPLC

Adamas® is the media platform for analytical and preparative scale-up application based on Ultra High-Purity silica. The very low metal content ensures high stability, high performance and low bleed columns for high demanding applications.

Often, in a method development process and in an effort to improve sample throughput, users will run a "standard method" on a "standard single media"; Adamas® has a wide range of chemistries, including five C18, which ensure the maximum selectivity selection to achieve your best separation. A correct strategy will use phases with complementary selectivity which gives confidence that one of them will produce the separation. Resolution — that's the key!



- **Better Peak Symmetry** : Ultra High-purity silica eliminates peak tailing problems
- **Long Column Life** : Exceptional column stability minimizes downtime and reduces cost
- **Ideal for Critical Analysis** : Low to no detectable column bleed
- **5 Selectivities of C18 Phases** : Optimizes retention, resolution, and analysis time

Adamas® C18 Selectivity	Adamas® C18-Classic	The "Classic" C18 Column, 17% Carbon Load, fully End-capped, good resistance to alkaline pH, High Hydrophobicity due to the "brush" C18 chains distribution, Traditional Interaction.
	Adamas® C18-Extreme	This phase is typically used in Extreme pH condition (pH 1-12) showing a good steric selectivity. The very low bleeding ensures the MS compatibility even in acidic conditions.
	Adamas® C18-X-Bond	Proprietary bonding, (similar to Tri-art or Xbridge technologies). The very high steric selectivity and lower hydrophobicity results in an interesting alternative to the Classic C18. MS Compatible
	Adamas® C18-Select	The fully exposed silanols (No End-capping) results in a high interaction with polar groups and an excellent choice for polar compounds separation.
	Adamas® C18-AQ	Long hydrocarbon chains collapse when work in 100% aqueous condition. Adamas® C18-AQ is fully compatible with 100% aqueous mobile phase due to a double functional group. 11% Carbon Load.

Selectivity of 4 Adamas® C18 columns : C18-Classic, C18-X-Bond, C18-Extreme and C18-Select

