Kinetex™

Core-Shell Technology

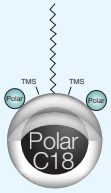
US

Phase Selection Chart on Back!

Protect Your Column's Selectivity!

SecurityGuard™ Column Protection

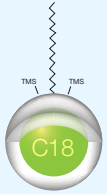
POLAR ACIDS



Kinetex Polar C18
Combined C18 and polar modified surface that provides polar and non-polar retention alongside 100 % aqueous stability.

pH Range: 1.5 – 8.5*
USP Classification: L1
Effective Carbon Load: 9%

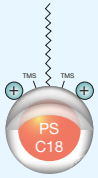
HYDROPHOBIC COMPOUNDS



Kinetex C18
Balanced C18 phase that provides the highest degree of hydrophobic selectivity relative to the other Kinetex phases.

pH Range: 1.5 – 8.5*
USP Classification: L1
Effective Carbon Load: 12%

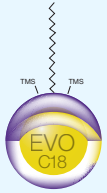
POLAR BASES



Kinetex PS C18
A multi-modal, 100 % aqueous C18 column with a positive surface modification that demonstrates unique selectivity and improved peak shape for basic compounds.

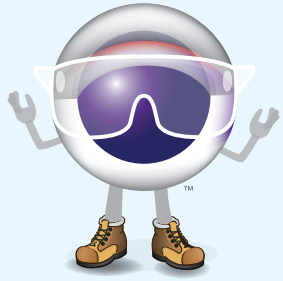
pH Range: 1.5 – 8.5*
USP Classification: L1
Effective Carbon Load: 9 %

ALKALINE CONDITIONS



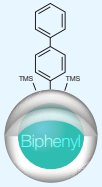
Kinetex EVO C18
Novel pH 1-12 stable C18 that delivers robust methods and improved peak shape for bases.

pH Range: 1 – 12
USP Classification: L1
Effective Carbon Load: 11%



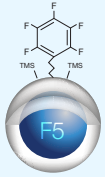
*Columns are pH stable from 1.5-10 under isocratic conditions. Columns are pH stable 1.5-8.5 under gradient conditions.

CLOSELY RELATED COMPOUNDS



Kinetex Biphenyl
100 % aqueous stable reversed phase chemistry with hydrophobic, aromatic, and enhanced polar selectivity.

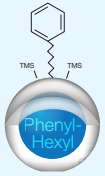
pH Range: 1.5 – 8.5*
USP Classification: L11
Effective Carbon Load: 11%



Kinetex F5
Highly reproducible pentafluorophenylpropyl phase, exceptional for halogenated, conjugated, isomeric, or highly polar compounds.

pH Range: 1.5 – 8.5*
USP Classification: L43
Effective Carbon Load: 9%

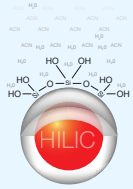
AROMATIC HYDROCARBONS



Kinetex Phenyl-Hexyl
Aromatic and moderate hydrophobic selectivity results in the great retention and separation of aromatic hydrocarbons.

pH Range: 1.5 – 8.5*
USP Classification: L118
Effective Carbon Load: 11%

EXTREMELY POLAR



Kinetex HILIC
Used under HILIC running conditions, this phase provides the highest polar selectivity for retention and separation of hydrophilic compounds.

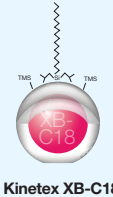
pH Range: 2.0 – 7.5*
USP Classification: L3
Effective Carbon Load: –

PAH COMPOUNDS

Kinetex PAH
Polymerically bonded C18 phase specifically developed for the separation of EU and EPA priority PAHs.

pH Range: 1.5 – 8.5*
USP Classification: –
Effective Carbon Load: 12%

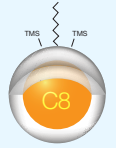
ACIDIC COMPOUNDS



Kinetex XB-C18
This unique C18 phase yields increased hydrogen bonding with hydrophobic selectivity, resulting in improved peak shape for basic compounds and increased retention of acidic compounds.

pH Range: 1.5 – 8.5*
USP Classification: L1
Effective Carbon Load: 10 %

EXTREMELY HYDROPHOBIC



Kinetex C8
Moderate hydrophobic and steric selectivity is offered, bringing ultra-high performance to USP L7 and other octyl silane methods.

pH Range: 1.5 – 8.5*
USP Classification: L7
Effective Carbon Load: 8%

Find it at **fishersci.eu**

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