

# **Ace Hilic Hplc**

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Ace Hilic Hplc The advantages of ACE UHPLC/HPLC columns - now available with solid-core particles \* Ultra-inert solid-core UHPLC / HPLC columns \* High efficiency 2.5µm and 5µm solid-core particles \* SuperC18 and SuperPhenylHexyl phases with extended pH stability \* Excellent reproducibility and column lifetime. READ MORE Home | ACE A robust HPLC / UHPLC HILIC column with neutral character The ACE HILIC-N column is a bonded neutral character phase. The HILIC-N stationary phase is based upon the ultra-pure ACE silica platform with a proprietary polyhydroxy bonded functionality. Highly consistent bonded phase providing excellent batch to batch

reproducibility ACE HILIC-N | ACE A robust HPLC / UHPLC HILIC column with acidic character The ACE HILIC-A column is an acidic character phase with an ionisable negative surface charge depending upon mobile phase pH. The HILIC-A stationary phase is based upon the ultra-pure ACE silica platform.

Highly consistent silica surface providing excellent batch to batch reproducibility ACE HILIC-A |

ACE ACE HILIC Method

Development Kit For Developing Reproducible UHPLC / HPLC HILIC Separations Hydrophilic Interaction Liquid Chromatography (HILIC) uses similar eluents to Reversed-Phase Liquid Chromatography (RPLC) and provides a suitable retention and separation alternative for polar to very polar compounds. ACE HILIC

Method Development Kit | ACE ACE  
HILIC-B A robust HPLC / UHPLC  
HILIC column with basic character  
The ACE HILIC-B column is a  
bonded proprietary basic character  
phase with an ionisable positive  
surface charge depending upon  
mobile phase pH. The HILIC-B  
stationary phase is based upon the  
ultra-pure ACE silica platform. ACE  
HILIC-B | ACE The HPLC method was  
optimized following the procedure  
proposed by McKeown (2015) for  
the selection of the best HILIC  
column: HILIC-A, HILIC-B, and HILIC-  
N (100 Å, 5 µm 3.0 × 150 mm), ACE  
®, Scotland, using the mobile  
phases A: 10 mM ammonium  
formate, pH 3.0, 4.7 or 6.0 in  
acetonitrile:water (94:6 v/v) and B:  
10 mM ammonium formate, pH 3.0  
... An Improved HILIC HPLC-MS/MS

Method for the Determination ... For 1/32" Microbore HPLC column connections up to 6000 psi, PEEK™ 1/32" (6-40 thread) fingertight fittings (part number ACE-MC3210, 10 pack) are recommended. For 1/16" UHPLC column connections up to 25000 psi, reuseable 1/16" fittings (part number EXL-CC10, 10 pack) are recommended. ACE HILIC - ace-hplc.com HPLC Parameters Column: ACE ... carbohydrates using HILIC-based approaches extends the range of columns beyond the ion-exchange columns typically used with PAD. • Eight carbohydrate standards commonly found in honey were analyzed (shown above at 1 µg on column each). The method was used to compare differences Sensitive Analysis of Commonly Used

Artificial and Natural ... Available in C18, XB-C18, C8, PFP, and HILIC phases 2.6  $\mu\text{m}$  Kinetex columns on your HPLC or UHPLC systems provide sub-2  $\mu\text{m}$  efficiencies with significantly lower back pressure. 1.7  $\mu\text{m}$  Kinetex columns on your UHPLC system provide the highest efficiencies of any sub-2  $\mu\text{m}$  column for breakthrough performance. Kinetex HILIC - Phenomenex - HILIC - HPLC-MART by Alan P McKeown, Advanced Chromatography Technologies Ltd, 1 Berry Street, Aberdeen, Scotland AB25 1HF, UK amckeown@ace-hplc.com Hydrophilic interaction chromatography (HILIC) separations are gaining popularity across many industry sectors and application areas. A Simple, Generally

Applicable HILIC Method ... -  
HPLC The ACE HILIC range consists  
of three complementary phases  
specifically 0 5 10 15 20 25 a  
UHPLC and HPLC Columns <sup>3</sup>/<sub>4</sub>A  
systematic and rationally designed  
method development strategy can  
aid in streamlining the method  
development process. The ACE  
HILIC range consists of three  
complementary ... - HPLC 12  
[www.ace-hplc.com](http://www.ace-hplc.com) The solvents  
used as mobile phases in HILIC are  
similar to those used in RPLC. As  
discussed in Section 2.0, the mobile  
phase conditions are key  
contributors to the various HILIC  
retention mechanisms. By  
modifying the proportions of the  
organic and aqueous components in  
the eluent, analyte retention can be  
altered. ACE HILIC - MAC-MOD The

high stability of ACE C18, C8, C4, CN and Phenyl phases was demonstrated: after three months usage at pH 1.8, no retention loss was observed with any ACE phase. Even cyano bonded columns (regarded to be most vulnerable to hydrolysis) showed excellent resistance. pH 11.0 Robustness ACE HPLC columns When working with Hydrophilic Interaction Liquid Chromatography (HILIC), the choice of sample diluent can have a profound impact on peak shape. An incorrect choice can lead to poor peak shape, peak splitting and unstable retention times. The Importance of Sample Diluent in HILIC - HPLC For more information contact your local ACE distributor or visit [www.ace-hplc.com](http://www.ace-hplc.com) or email: [info@ace-hplc.com](mailto:info@ace-hplc.com) Introduction In



order to obtain stable and reproducible retention times, it is essential to fully equilibrate HILIC columns with mobile phase prior to analysis to ensure a stable adsorbed water layer exists at the stationary phase surface. Column Equilibration in HILIC Mode - HPLC Avantor® ACE® HILIC-A, Analytical, HPLC/UHPLC Columns. Supplier: Avantor. Description: Avantor® ACE® HILIC-A columns have been designed specifically for HILIC applications and are especially useful for the separation of polar analytes. T... ACE HILIC | VWR Avantor® ACE® HPLC and UHPLC Columns Avantor ® manufacture the ultra-inert Avantor ® ACE ® UHPLC/HPLC column range. Avantor ® ACE ® phases incorporate the latest

developments in LC stationary phase design, providing chromatographers with more choices for alternative selectivity, without compromising stability or robustness. Avantor® ACE® HPLC and UHPLC Columns | VWR HPLC

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BIOGRAPHIES & HISTORY  
CHILDREN'S YOUNG ADULT  
FANTASY HISTORICAL FICTION  
HORROR LITERARY FICTION NON-  
FICTION SCIENCE FICTION