

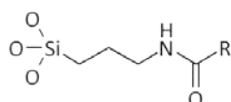


HILIC-AMIDE - 2.6 μm

For Hydrophilic Interaction Chromatography.

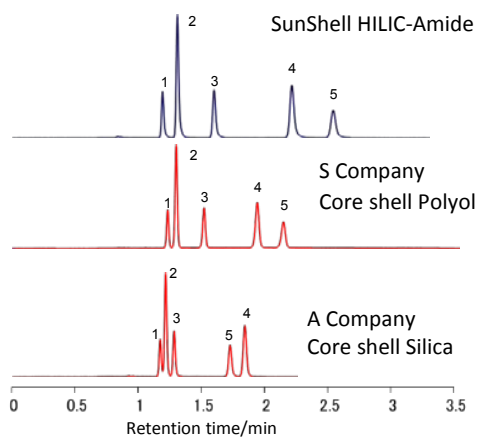
Highly efficient separation of very polar compounds. Rapid equilibration.

Stationary phase of HILIC-Amide



R: Hydrophilic group

The stationary phase of SunShell HILIC-Amide consists of AMIDE and HYDROPHILIC GROUP, so that this stationary phase is more polar than an individual group. High speed separation is a result of core shell structure that derives high efficiency and fast equilibration.



Column:

SunShell HILIC-Amide, 2.6 μm 100 x 4.6 mm,

Coreshell polyol, 2.7 μm 100 x 4.6 mm,

Core shell Silica, 2.7 μm 100 x 4.6 mm

Mobile phase:

Acetonitrile/20 mM ammonium acetate(pH4.7) = 8/2

Flow rate: 1.0 mL/min

Temperature: 40 °C

Detection: UV@250 nm

Sample: 1 = Thymine, 2 = Uracil, 3 = Uridine, 4 = Cytosine, 5 = Cytidine

Regarding retention of cytidine, SunShell HILIC-Amide showed 30% higher retention factor than S core shell polyol.

ORDERING INFO OF SUNSHELL	Inner diameter (mm)	1.0	2.1	3.0	4.6	USP category
	Length (mm)	Catalog no	Catalog no	Catalog no	Catalog no	Catalog no
Sunshell HILIC-Amide, 2.6 μm	30	---	CH6931	CH6331	CH6431	L68
	50	---	CH6941	CH6341	CH6441	
	75	---	CH6951	CH6351	CH6451	
	100	---	CH6961	CH6361	CH6461	
	150	---	CH6971	CH6371	CH6471	