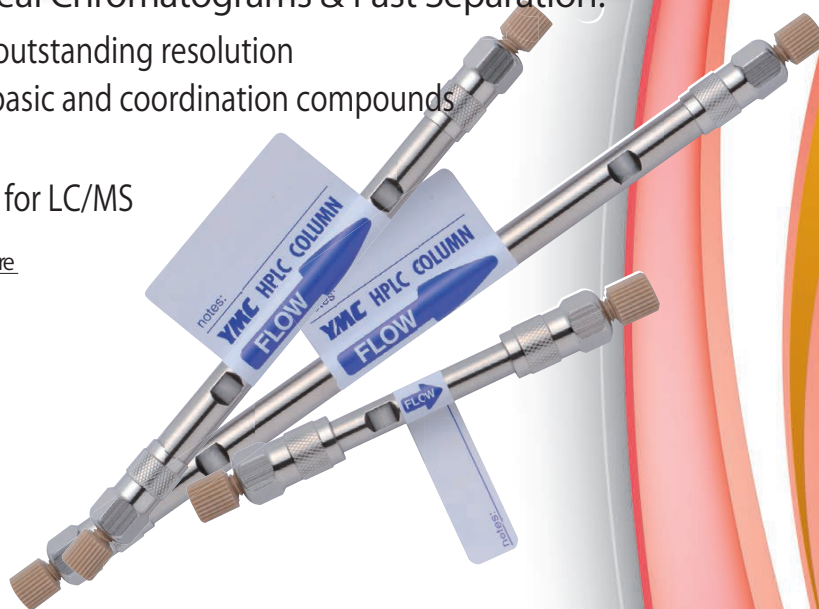
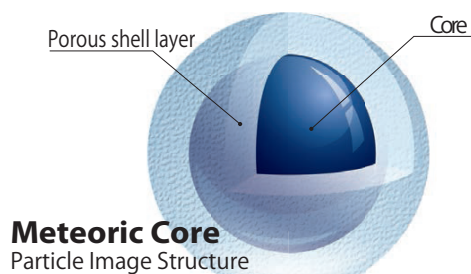


Meteoric Core

Easy Method Optimization! Ideal Chromatograms & Fast Separation!

Features

- Ultra fast separation and outstanding resolution
- Excellent peak shape on basic and coordination compounds
- Wide usable pH range
- Low column bleed - ideal for LC/MS

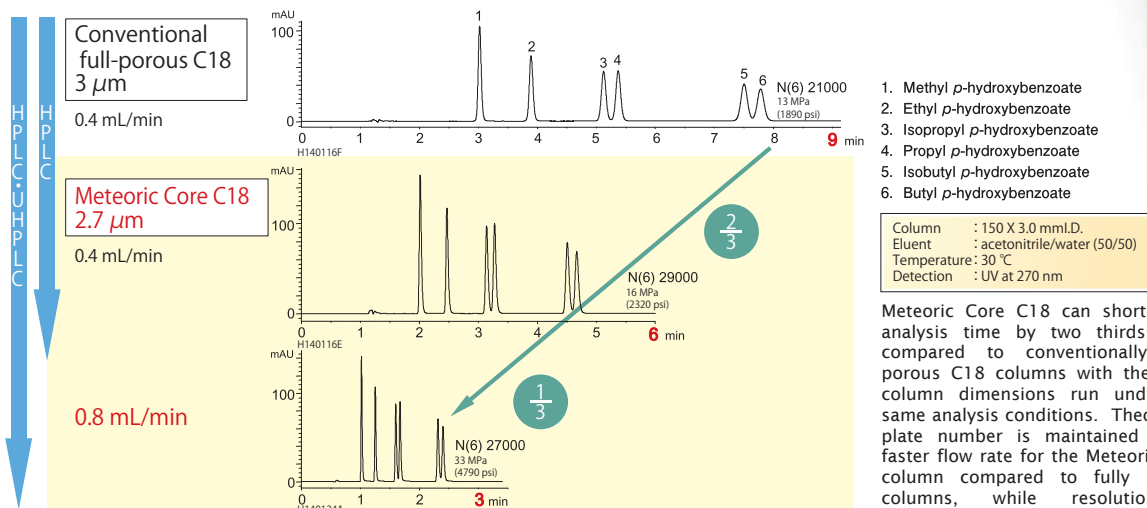


Specifications

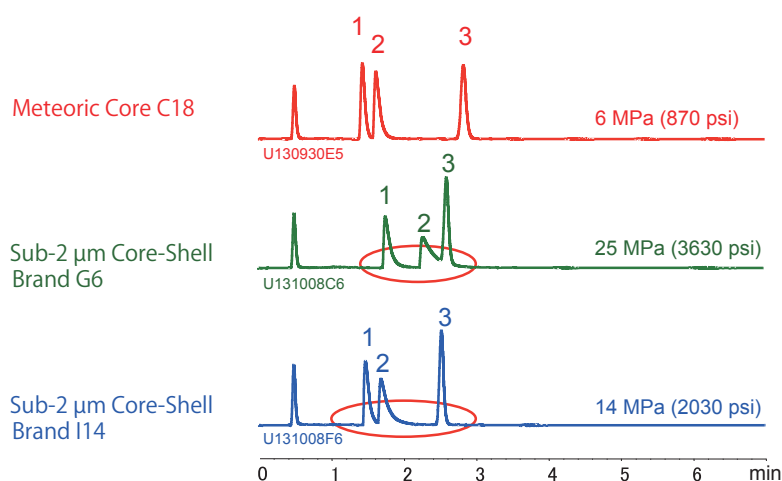
Name	Meteoric Core C18	Meteoric Core C18 BIO	Meteoric Core C8
Base particle	Core-Shell type silica gel		
Particle size (μm)	2.7		
Pore size (nm)	8	16	8
Specific surface area (m^2/g)	150	90	150
Bonding	Trifunctional		
Carbon content (%)	7	5	5
End capping	Yes		
pH range	1.5-10	1.5-10	1.5-9
USP Classification	L1	L1	L7

Fast Separation and Outstanding Resolution

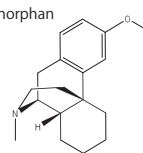
Ultrafast separation of Parabens: typically difficult-to-separate geometric isomers



Excellent peak shape of basic compounds



Dextromethorphan
(Peak 2)



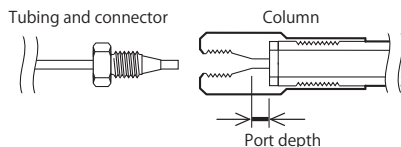
Column : 50 X 2.1 mm I.D.
Eluent : 20 mM KH₂PO₄-K₂HPO₄ (pH 6.9) / acetonitrile (65/35)
Flow rate : 0.2 mL/min
Temperature : 40°C
Detection : UV at 235 nm
Sample : 1. Chlorpheniramine
2. Dextromethorphan
3. Propyl *p*-hydroxybenzoate (I.S.)

Meteoric Core C18 column is a high resolution column which provides excellent peak shapes for basic compounds (Peaks 1 and 2) compared to sub-2 µm Core-Shell columns. Chromatographers can expect ultrafast analysis of basic compounds with highly quantitative and sensitive analysis by using Meteoric Core C18.

Ordering information

Particle size (µm)	Column size inner diameter X length(mm)	Product number		
		Meteoric Core C18	Meteoric Core C18 BIO	Meteoric Core C8
2.7	2.1 X 30	CAS08SQ7-03Q1PT	CAW16SQ7-03Q1PT	COS08SQ7-03Q1PT
	2.1 X 50	CAS08SQ7-05Q1PT	CAW16SQ7-05Q1PT	COS08SQ7-05Q1PT
	2.1 X 75	CAS08SQ7-L5Q1PT	CAW16SQ7-L5Q1PT	COS08SQ7-L5Q1PT
	2.1 X 100	CAS08SQ7-10Q1PT	CAW16SQ7-10Q1PT	COS08SQ7-10Q1PT
	2.1 X 150	CAS08SQ7-15Q1PT	CAW16SQ7-15Q1PT	COS08SQ7-15Q1PT
	3.0 X 30	CAS08SQ7-0303PT	CAW16SQ7-0303PT	COS08SQ7-0303PT
	3.0 X 50	CAS08SQ7-0503PT	CAW16SQ7-0503PT	COS08SQ7-0503PT
	3.0 X 75	CAS08SQ7-L503PT	CAW16SQ7-L503PT	COS08SQ7-L503PT
	3.0 X 100	CAS08SQ7-1003PT	CAW16SQ7-1003PT	COS08SQ7-1003PT
	3.0 X 150	CAS08SQ7-1503PT	CAW16SQ7-1503PT	COS08SQ7-1503PT
	4.6 X 30	CAS08SQ7-0346PT	CAW16SQ7-0346PT	COS08SQ7-0346PT
	4.6 X 50	CAS08SQ7-0546PT	CAW16SQ7-0546PT	COS08SQ7-0546PT
	4.6 X 75	CAS08SQ7-L546PT	CAW16SQ7-L546PT	COS08SQ7-L546PT
	4.6 X 100	CAS08SQ7-1046PT	CAW16SQ7-1046PT	COS08SQ7-1046PT
	4.6 X 150	CAS08SQ7-1546PT	CAW16SQ7-1546PT	COS08SQ7-1546PT

Configuration of connector and column endfitting



The end of the product number	Port depth	Style of endfitting
PT	2 mm	UPLC compatible (Parker) style

UPLC is a registered trademark of Waters Corporation.

Worldwide Availability

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