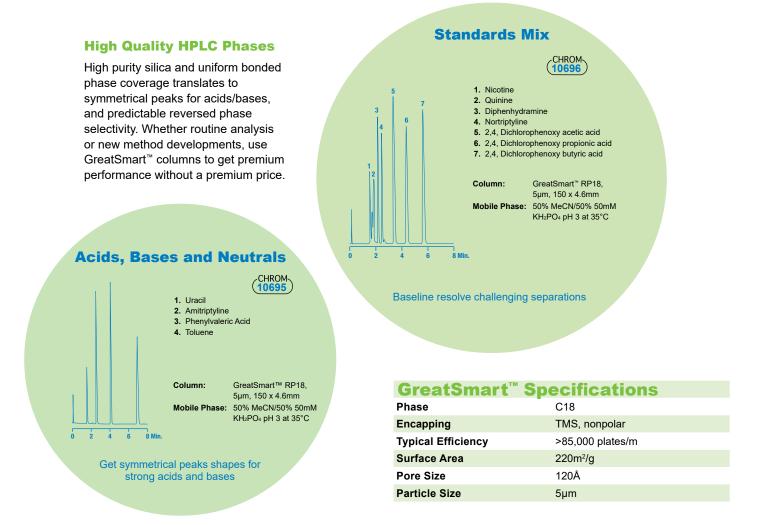


# **GreatSmart<sup>™</sup>** (formerly GraceSmart) HPLC Columns

• High Purity Phases

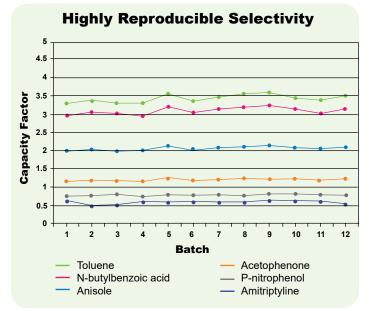
Exmere Ltd

- Efficient and Reproducible
- General Use Selectivity
- Exceptional Value



#### **Reproducible Methods Start with Reproducible Columns**

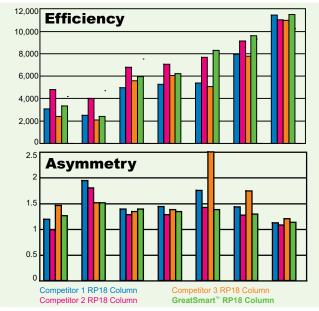
Our tightly controlled silica synthesis and bonding keep capacity factor and selectivity variations to a minimum. The advanced packing methods deliver consistently high column-to-column efficienc .



Consistent batch-to-batch capacity for acidic, basic & neutral compounds

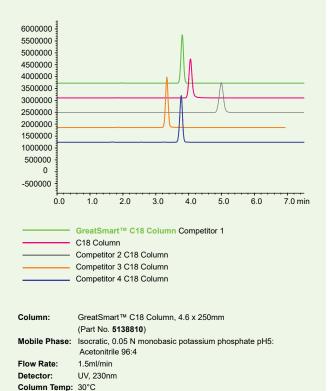
#### **Expect Competitive Performance**

Efficient manufacturing is driving force for competitive pricing, but certainly not at the risk of non-competitive performance. GreatSmart columns show equal or better efficiency and asymmetries for challenging base and acid components in comparison to industry leading columns



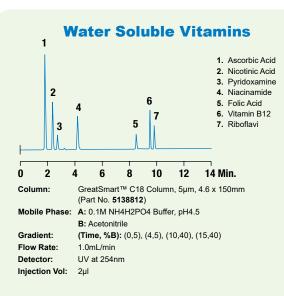
GreatSmart<sup>™</sup> columns compares favorable to leading competitor columns

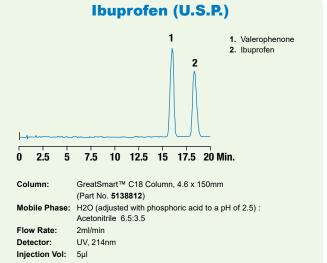
## Amoxicillin (U.S.P.)



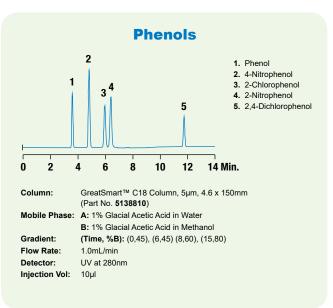
	USP Spec	GreatSmart™ C18 Col	Comp 1 C18 Col	Comp 2 C18 Col	Comp 3 C18 Col	Comp 4 C18 Col
Ret. Time (min)	N/A	3.800	4.050	4.988	3.333	3.768
Theoretical plates	≥1700	8543	7216	6230	7049	7680
Tailing Factor	≤2.5	1.015	1.180	1.041	1.034	0.979
k`	1.1≤k`≤2.8	1.2	1.6	2.3	0.99	1.6

Injection Vol: 10µl





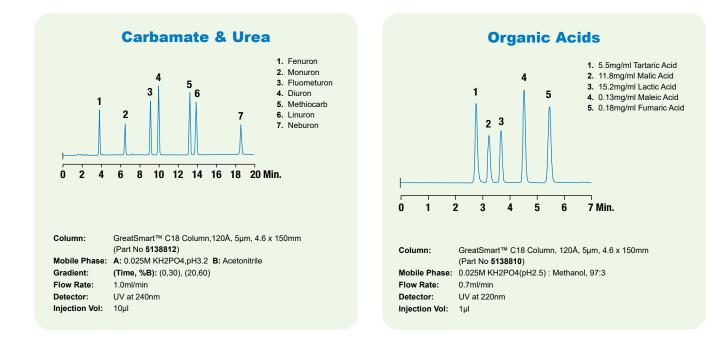
	Si	imv	vast	atiı	n Ta	ble	ts (U.S.P)
$\vdash$							
Ó	2	4	6	8	10	12	14 Min.
Colu	ımn:		eatSmai art No <b>5</b> '		8 Colum	n, 4.6 x	250mm
Mob	ile Phas				·	phosph	ate pH4.5: Acetonitrile 35:
Flow	v Rate:	1.5	ml/min				
Dete	ector:	U٧	, 238nm	I			
Colu	umn Tem	<b>p:</b> 45	°C				
Injed	ction Vol	: 10	ul				



# **Choose Wisely - GreatSmart® Columns**

Grace Davison Discovery Sciences sets a new standard in HPLC columns. We make everything -from the silica particle to the finished product. Our streamlined manufacturing process allows delivery of the highest performance, at an exceptional value!

GreatSmart <sup>™</sup> RP18 Columns							
Part No.	i.d. x Length	Particle Size	Price				
5138812	4.6 x 150mm	5µm	inquiry				
5138810	4.6 x 250mm	5µm	inquiry				
5138811	2.1 x 150mm	5µm	inquiry				
5138813	2.1 x 250mm	5µm	inquiry				



The information presented herein is derived from our testing and experience. It is offered, free of charge, for your consideration, investigation and verification. Since operating conditions vary significant , and since they are not under our control, we disclaim any and all waranities on the results which might be obtained from the use of our products. You assumption that all safety or environmental protection measures are indicated or that other measures may not be required. This product(s) may be covered by patents or patents predients predients predients predients predients and predictions assumption that the US

GRACE<sup>®</sup> and GRACE DAVISON DISCOVERY SCIENCES<sup>™</sup> are trademarks, registered in the United States and/or other countries, of W. R. Grace & Co.-Conn. This trademark list has been compiled using available published information as of the publication date of this brochure and may not accurately reflect current trademark ownership.

Grace Davison Discovery Sciences is a product group of W. R. Grace & Co.-Conn. Alltech Associates, Inc. is a wholly owned subsidiary of W. R. Grace & Co.-Conn. @ Copyright 2006 Alltech Associates, Inc. All rights reserved.

# Dr. Maisch GmbH

Any Column, Any Size, Any Media

Dr. Maisch HPLC GmbH acquired associated Grace Davison Discovery Sciences product lines in 2016, please kindly find official announcement with link below: https://grace.com/en-us/Pages/discovery-sciences.aspx

### FRESH BIOSCIENCE (SHANGHAI) CO., LTD.

Bldg 42 6th Flr, No. 555 Huanqiao Rd, PD, Shanghai, China Tel: 86 21-2091 0266 Fax: 86 21-2091 0156 E-mail: info@freshbioscience.com Web: www.freshbioscience.com