

## Pursuit HPLC Columns

Beginning in drug discovery and drug metabolism, Pursuit columns are ideal for analyzing lead compounds and biological samples. The column's performance is due to the unique combination of advanced bonding chemistry and ultra-high purity silica. These factors combine to provide rapid separations with excellent first time resolution and symmetrical peaks for polar compounds, whether at pH 1.5 or 10. Additionally, the need for ion-pairing agents such as TFA is often eliminated, thus maximizing the performance of single and parallel multi-channel LC/MS systems.

Culminating in QC, Pursuit is ideal for implementing dependable trouble-free analysis of raw materials and approved drugs. Rigorous control and validation of each step in the manufacturing process ensures column reproducibility. With Pursuit, your laboratory can spend its energy on producing results.

Special columns, such as Pursuit PFP (for very polar compounds) and Pursuit PAH (environmental), give you the extra selectivities you need for your most challenging applications.



Pursuit HPLC Columns

### Pursuit

For LC/MS and high throughput applications, the Pursuit column is built on the larger 200Å pore size silica. High ligand density delivers up to 40% faster separations without sacrificing resolution. This is accomplished by optimizing mass transfer with the larger pore size.

### Pursuit XRs

Pursuit XRs columns are for performance in analytical R&D, QC and preparative applications. Combining high ligand density with a 100Å pore size, high surface area silica, Pursuit XRs columns are designed to increase productivity, as they offer maximum loadability, excellent stability and easy scalability while maintaining superior resolution.

### Pursuit XRs Ultra

For the ultimate in speed and good resolution on any instrument, we designed the Pursuit XRs Ultra around an optimized 2.8 µm particle and an advanced packing procedure. Now you can decrease your run time while maintaining resolution. Lower backpressure allows high flow rates to be used, and the 2.8 µm particles of ultra-pure silica delivers 10-15% higher efficiency than 3 µm columns.

## COLUMNS FOR SMALL MOLECULE SEPARATIONS

### Column Specifications

| Bonded Phase               | Pore Size | Surface Area          | pH Range | Endcapped | Carbon Load | Pore Volume | Ligand Coverage         |
|----------------------------|-----------|-----------------------|----------|-----------|-------------|-------------|-------------------------|
| Pursuit C18                | 200Å      | 200 m <sup>2</sup> /g | 1.5-10   | Yes       | 12.9%       | 11 mL/g     | 3.5 µmol/m <sup>2</sup> |
| Pursuit C8                 | 200Å      | 200 m <sup>2</sup> /g | 1.5-10   | Yes       | 7.4%        | 11 mL/g     | 3.8 µmol/m <sup>2</sup> |
| Pursuit Diphenyl           | 200Å      | 200 m <sup>2</sup> /g | 1.5-8.0  | Yes       | 7.3%        | 11 mL/g     | 2.8 µmol/m <sup>2</sup> |
| Pursuit PFP                | 200Å      | 200 m <sup>2</sup> /g | 1.5-10   | Yes       | 6.3%        | 11 mL/g     | 3.4 µmol/m <sup>2</sup> |
| Pursuit PAH                | 200Å      | 200 m <sup>2</sup> /g | 1.5-10   | Yes       |             | 11 mL/g     |                         |
| Pursuit XRs C18            | 100Å      | 440 m <sup>2</sup> /g | 1.5-10   | Yes       | 22%         | 11 mL/g     | 2.9 µmol/m <sup>2</sup> |
| Pursuit XRs C8             | 100Å      | 440 m <sup>2</sup> /g | 1.5-10   | Yes       | 15%         | 11 mL/g     | 3.7 µmol/m <sup>2</sup> |
| Pursuit XRs Diphenyl       | 100Å      | 440 m <sup>2</sup> /g | 1.5-8.0  | Yes       | 14.6%       | 11 mL/g     | 2.6 µmol/m <sup>2</sup> |
| Pursuit XRs Si             | 100Å      | 440 m <sup>2</sup> /g | 1.5-10   | Yes       |             | 11 mL/g     |                         |
| Pursuit XRs Ultra C18      | 100Å      | 440 m <sup>2</sup> /g | 1.5-10   | Yes       | 23.2%       | 11 mL/g     | 3.2 µmol/m <sup>2</sup> |
| Pursuit XRs Ultra C8       | 100Å      | 440 m <sup>2</sup> /g | 1.5-10   | Yes       | 15%         | 11 mL/g     | 3.7 µmol/m <sup>2</sup> |
| Pursuit XRs Ultra Diphenyl | 100Å      | 440 m <sup>2</sup> /g | 1.5-8.0  | Yes       | 14.6%       | 11 mL/g     | 2.6 µmol/m <sup>2</sup> |

Specifications represent typical values only



### TIPS & TOOLS

Request custom LC columns online at [www.agilent.com/chem/customlccol](http://www.agilent.com/chem/customlccol)

### Tricyclic antidepressants and benzodiazepines

**Column:** Pursuit XRs C18  
A6000150X046  
4.6 x 150 mm, 5 µm

**Mobile Phase:** A: Water+0.1% HCOOH  
B: MeCN+0.1% HCOOH

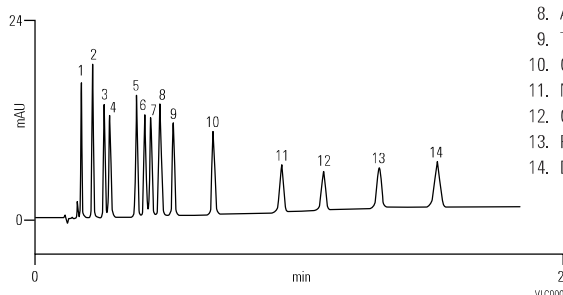
**Gradient:** 30-40% B in 15 min, hold at 40% B for 15 min

**Flow Rate:** 1.0 mL/min

**Temperature:** Ambient

**Detector:** UV, 254 nm

1. 7-Aminoclonazepam
2. 7-Aminoflunitrazepam
3. Nordoxepin
4. Doxepin
5. Desipramine
6. Imipramine
7. Nortriptyline
8. Amitriptyline
9. Trimipramine
10. Clomipramine
11. Nordiazepam
12. Clonazepam
13. Flunitrazepam
14. Diazepam



### Mechanical stability of Pursuit XRs

**Column:** Pursuit XRs C18  
A6000050X020  
2.0 x 50 mm, 5 µm

**Sample:** DMSO mix

**Mobile Phase:** A: MeOH:water, 10:90 + 0.1% HCOOH  
B: MeOH:water, 90:10 + 0.1% HCOOH

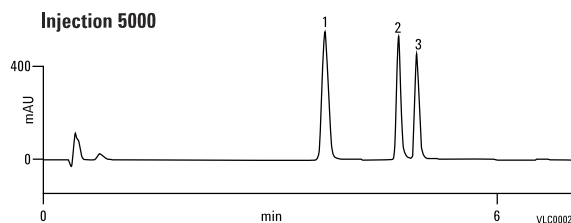
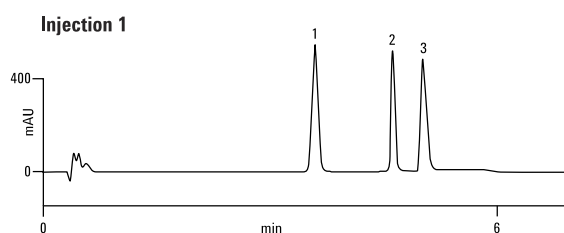
**Gradient:** 0-100% B in 3 min, back to 0% B in 0.5 min, hold at 0% B for 3.5 min

**Flow Rate:** 0.4 mL/min

**Temperature:** Ambient

**Detector:** UV, 254 nm

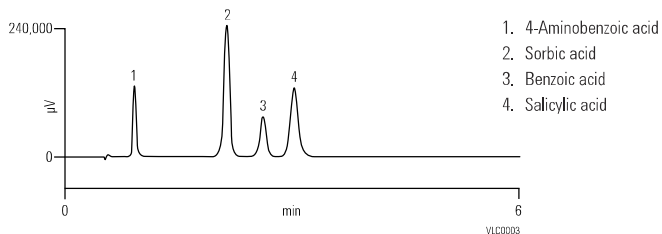
1. 4-Methoxybenzenesulfonamide
2. Methyl 3-aminothiophene-2-carboxylate
3. Trimipramine



**Antifungals**

**Column:** Pursuit XRs Ultra Diphenyl  
A7521050X020  
2.0 x 50 mm, 2.8 µm

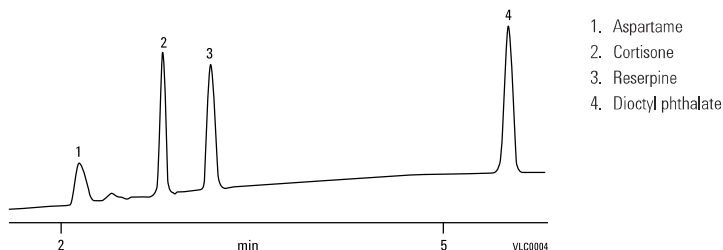
Mobile Phase: Water+0.1% HCOOH:MeCN+0.1% HCOOH, 80:20  
Flow Rate: 0.4 mL/min  
Temperature: Ambient  
Detector: UV, 254 nm



**Liquid chromatography phase test mixture (LPTM) on Pursuit C8**

**Column:** Pursuit C8  
A3031050X020  
2.0 x 50 mm, 3 µm

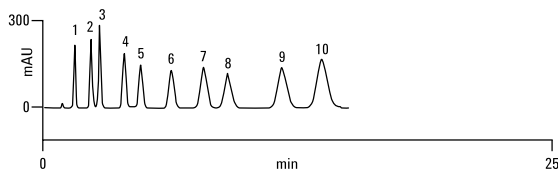
Mobile Phase: A: 0.05% HCOOH in water  
B: 0.05% HCOOH in MeCN  
Flow Rate: 0.6 mL/min  
Detector: UV, 220 nm



**Adrenocorticosteroids on Pursuit PFP and C18**

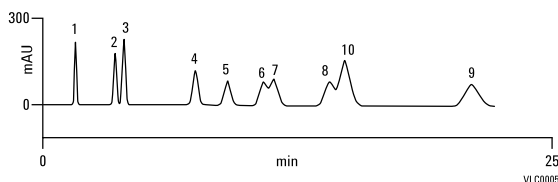
Mobile Phase: MeCN:water, 22.5:77.5  
Flow Rate: 1.5 mL/min  
Temperature: Ambient  
Detector: UV, 240 nm

**Pursuit PFP**



1. Triamcinolone
2. Prednisolone
3. Cortisone
4. Methylprednisolone
5. Corticosterone
6. Beclomethasone
7. Prednisolone acetate
8. Triamcinolone acetonide
9. Cortisone acetate
10. Fluciclonide acetonide

**Pursuit C18**



## Pursuit HPLC Columns

## Semi-Prep Scale

| Size (mm)  | Particle Size ( $\mu\text{m}$ ) | Pursuit C18<br>USP L1 | Pursuit C8<br>USP L7 | Pursuit Diphenyl | Pursuit PFP  | Pursuit PAH<br>USP L1 |
|------------|---------------------------------|-----------------------|----------------------|------------------|--------------|-----------------------|
| 10.0 x 250 | 10                              | A3002250X100          | A3032250X100         |                  |              |                       |
| 10.0 x 150 | 5                               | A3000150X100          |                      |                  | A3050150X100 |                       |
| 10.0 x 250 | 5                               | A3000250X100          | A3030250X100         |                  | A3050250X100 |                       |

## Pursuit HPLC Columns

## Analytical Scale

| Size (mm) | Particle Size ( $\mu\text{m}$ ) | Pursuit C18<br>USP L1 | Pursuit C8<br>USP L7 | Pursuit Diphenyl | Pursuit PFP  | Pursuit PAH<br>USP L1 |
|-----------|---------------------------------|-----------------------|----------------------|------------------|--------------|-----------------------|
| 4.6 x 250 | 10                              | A3002250X046          | A3032250X046         |                  |              |                       |
| 4.6 x 150 | 10                              | A3002150X046          | A3032150X046         |                  |              |                       |
| 4.6 x 100 | 10                              | A3002100X046          | A3032100X046         |                  |              |                       |
| 4.6 x 250 | 5                               | A3000250X046          | A3030250X046         | A3040250X046     | A3050250X046 | A7000250X046          |
| 4.6 x 150 | 5                               | A3000150X046          | A3030150X046         | A3040150X046     | A3050150X046 | A7000150X046          |
| 4.6 x 100 | 5                               | A3000100X046          | A3030100X046         | A3040100X046     | A3050100X046 |                       |
| 4.6 x 50  | 5                               | A3000050X046          | A3030150X046         | A3040050X046     | A3050050X046 |                       |
| 4.6 x 250 | 3                               | A3001250X046          | A3031250X046         | A3041250X046     | A3051250X046 |                       |
| 4.6 x 150 | 3                               | A3001150X046          | A3031150X046         | A3041150X046     | A3051150X046 |                       |
| 4.6 x 100 | 3                               | A3001100X046          | A3031100X046         | A3041100X046     | A3051100X046 | A7001100X046          |
| 4.6 x 50  | 3                               | A3001050X046          |                      | A3041050X046     | A3051050X046 |                       |
| 4.6 x 30  | 3                               | A3001030X046          |                      |                  |              |                       |
| 4.0 x 250 | 5                               | A3000250X040          |                      |                  |              |                       |
| 4.0 x 125 | 5                               | A3000125X040          |                      |                  |              |                       |
| 3.9 x 300 | 10                              | A3002300X039          |                      |                  |              |                       |
| 3.9 x 300 | 5                               | A3000300X039          |                      |                  |              |                       |
| 3.9 x 150 | 5                               | A3000150X039          |                      |                  |              |                       |
| 3.0 x 250 | 5                               | A3000250X030          |                      | A3040250X030     |              |                       |
| 3.0 x 150 | 5                               | A3000150X030          |                      | A3040150X030     | A3050150X030 |                       |
| 3.0 x 100 | 5                               | A3000100X030          |                      |                  | A3050100X030 |                       |
| 3.0 x 250 | 3                               | A3001250X030          |                      |                  |              |                       |
| 3.0 x 150 | 3                               | A3001150X030          |                      | A3041150X030     | A3051150X030 |                       |
| 3.0 x 100 | 3                               | A3001100X030          |                      | A3041100X030     | A3051100X030 | A7001100X030          |

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## COLUMNS FOR SMALL MOLECULE SEPARATIONS

### Pursuit HPLC Columns

#### Analytical Scale

| Size (mm) | Particle Size ( $\mu\text{m}$ ) | Pursuit C18<br>USP L1 | Pursuit C8<br>USP L7 | Pursuit Diphenyl | Pursuit PFP  | Pursuit PAH<br>USP L1 |
|-----------|---------------------------------|-----------------------|----------------------|------------------|--------------|-----------------------|
| 3.0 x 50  | 3                               | A3001050X030          |                      | A3041050X030     | A3051050X030 |                       |
| 2.0 x 250 | 5                               | A3000250X020          |                      |                  |              |                       |
| 2.0 x 150 | 5                               | A3000150X020          | A3030150X020         | A3040150X020     |              |                       |
| 2.0 x 100 | 5                               | A3000100X020          | A3030100X020         | A3040100X020     | A3050100X020 |                       |
| 2.0 x 50  | 5                               | A3000050X020          | A3030050X020         | A3040050X020     | A3050050X020 |                       |
| 2.0 x 30  | 5                               | A3000030X020          |                      | A3040030X020     | A3050030X020 |                       |
| 2.0 x 20  | 5                               | A3000020X020          |                      |                  | A3050020X020 |                       |
| 2.0 x 250 | 3                               | A3001250X020          |                      | A3041250X020     |              |                       |
| 2.0 x 200 | 3                               |                       |                      | A3041200X020     |              |                       |
| 2.0 x 150 | 3                               | A3001150X020          | A3031150X020         | A3041150X020     | A3051150X020 |                       |
| 2.0 x 100 | 3                               | A3001100X020          | A3031100X020         | A3041100X020     | A3051100X020 | A7001100X020          |
| 2.0 x 50  | 3                               | A3001050X020          | A3031050X020         | A3041050X020     | A3051050X020 |                       |
| 2.0 x 30  | 3                               | A3001030X020          | A3031030X020         | A3041030X020     | A3051030X020 |                       |
| 2.0 x 20  | 3                               | A3001020X020          |                      | A3041020X020     | A3051020X020 |                       |

### Pursuit HPLC Columns

#### Prep Scale

| Size (mm)  | Particle Size ( $\mu\text{m}$ ) | Pursuit C18<br>USP L1 | Pursuit C8<br>USP L7 | Pursuit Diphenyl | Pursuit PFP  | Pursuit PAH<br>USP L1 |
|------------|---------------------------------|-----------------------|----------------------|------------------|--------------|-----------------------|
| 50.0 x 250 | 10                              | A3002250X500          | A3032250X500         |                  |              |                       |
| 21.2 x 250 | 10                              | A3002250X212          | A3032250X212         |                  |              |                       |
| 21.2 x 150 | 10                              | A3002150X212          |                      |                  |              |                       |
| 21.2 x 250 | 5                               | A3000250X212          |                      |                  | A3050250X212 |                       |
| 21.2 x 150 | 5                               | A3000150X212          |                      |                  | A3050150X212 |                       |
| 21.2 x 100 | 5                               |                       |                      | A3040100X212     |              |                       |

## Pursuit ChromSep Complete Cartridge Systems

| Hardware  | Size (mm) | Particle Size ( $\mu\text{m}$ ) | Pursuit C18<br>USP L1 | Pursuit C8<br>USP L7 | Pursuit PAH<br>USP L1 |
|-----------|-----------|---------------------------------|-----------------------|----------------------|-----------------------|
| <b>CS</b> | 4.6 x 250 | 5                               | A3000250C046          | A3030250C046         | A7000250C046          |
| <b>CS</b> | 4.6 x 250 | 3                               |                       | A3031250C046         |                       |
| <b>CS</b> | 4.6 x 150 | 5                               | A3000150C046          | A3030150C046         | A7000150C046          |
| <b>CS</b> | 4.6 x 100 | 5                               | A3000100C046          | A3030100C046         |                       |
| <b>CS</b> | 4.6 x 150 | 3                               | A3001150C046          | A3031150C046         | A7001150C046          |
| <b>CS</b> | 4.6 x 100 | 3                               | A3001100C046          | A3031100C046         | A7001100C046          |
| <b>CS</b> | 4.6 x 50  | 3                               | A3001050C046          |                      |                       |
| <b>CS</b> | 3.0 x 250 | 5                               | A3000250C030          |                      |                       |
| <b>CS</b> | 3.0 x 150 | 5                               | A3000150C030          |                      |                       |
| <b>CS</b> | 3.0 x 100 | 5                               | A3000100C030          |                      | A7000100C030          |
| <b>CS</b> | 3.0 x 150 | 3                               | A3001150C030          |                      |                       |
| <b>CS</b> | 3.0 x 100 | 3                               | A3001100C030          |                      |                       |
| <b>CS</b> | 2.0 x 250 | 5                               | A3000250C020          |                      |                       |
| <b>CS</b> | 2.0 x 150 | 5                               | A3000150C020          | A3030150C020         |                       |
| <b>CS</b> | 2.0 x 100 | 5                               | A3000100C020          |                      |                       |
| <b>CS</b> | 2.0 x 150 | 3                               | A3001150C020          |                      |                       |
| <b>CS</b> | 2.0 x 100 | 3                               | A3001100C020          |                      |                       |
| <b>CS</b> | 2.0 x 50  | 3                               | A3001050C020          |                      |                       |

Pursuit ChromSep Replacement Cartridges

| Hardware | Size (mm) | Particle Size (µm) | Unit | Pursuit C18<br>USP L1 | Pursuit C8<br>USP L7 | Pursuit PAH<br>USP L1 |
|----------|-----------|--------------------|------|-----------------------|----------------------|-----------------------|
| CS       | 4.6 x 250 | 5                  |      |                       |                      | A7000250R046          |
|          |           |                    | 3/pk |                       |                      | A7000250T046          |
| CS       | 4.6 x 150 | 5                  |      | A3000150R046          | A3030150R046         | A7000150R046          |
|          |           |                    | 3/pk | A3000150T046          | A3030150T046         | A7000150T046          |
| CS       | 4.6 x 150 | 3                  |      |                       | A3031150R046         | A7001150R046          |
|          |           |                    | 3/pk |                       | A3031150T046         | A7001150T046          |
| CS       | 4.6 x 100 | 3                  |      |                       |                      | A7001100R046          |
|          |           |                    | 3/pk |                       |                      | A7001100T046          |
| CS       | 4.6 x 50  | 3                  |      | A3001050R046          |                      |                       |
|          |           |                    | 3/pk | A3001050T046          |                      |                       |
| CS       | 3.0 x 150 | 5                  |      | A3000150R030          |                      |                       |
|          |           |                    | 3/pk | A3000150T030          |                      |                       |
| CS       | 3.0 x 100 | 5                  |      | A3000100R030          |                      | A7000100R030          |
|          |           |                    | 3/pk | A3000100T030          |                      | A7000100T030          |
| CS       | 3.0 x 150 | 3                  |      | A3001150R030          |                      |                       |
|          |           |                    | 3/pk | A3001150T030          |                      |                       |
| CS       | 3.0 x 100 | 3                  |      | A3001100R030          |                      | A7001100R030          |
|          |           |                    | 3/pk | A3001100T030          |                      | A7001100T030          |
| CS       | 2.0 x 50  | 3                  |      |                       | A3031050R020         |                       |
|          |           |                    | 3/pk |                       |                      | A3031050T020          |

MetaGuard Columns, 3/pk

| Hardware | ID (mm) | Particle Size (µm) | Pursuit C18 | Pursuit C8 | Pursuit DP | Pursuit PFP |
|----------|---------|--------------------|-------------|------------|------------|-------------|
| MG       | 4.6     | 10                 | A3002MG     |            |            |             |
| MG       | 2.0     | 10                 | A3002MG2    |            |            |             |
| MG       | 4.6     | 5                  | A3000MG     | A3030MG    | A3040MG    | A3050MG     |
| MG       | 2.0     | 5                  | A3000MG2    | A3030MG2   | A3040MG2   | A3050MG2    |
| MG       | 1.0     | 5                  | A3000MG1    |            | A3040MG1   |             |
| MG       | 4.6     | 3                  | A3001MG     | A3031MG    | A3041MG    | A3051MG     |
| MG       | 2.0     | 3                  | A3001MG2    | A3031MG2   | A3041MG2   | A3051MG2    |
| MG       | 1.0     | 3                  |             |            | A3041MG1   |             |



## Pursuit XRs HPLC Columns

## Semi-Prep Scale

| Size (mm)  | Particle Size (µm) | Pursuit XRs C18 USP L1 | Pursuit XRs C8 USP L7 | Pursuit XRs Diphenyl USP L11 | Pursuit XRs Si* USP L3 |
|------------|--------------------|------------------------|-----------------------|------------------------------|------------------------|
| 10.0 x 250 | 10                 | A6002250X100           |                       |                              | A6004250X100           |
| 10.0 x 250 | 5                  | A6000250X100           |                       | A6020250X100                 |                        |
| 10.0 x 150 | 5                  | A6000150X100           |                       |                              |                        |
| 10.0 x 50  | 5                  | A6000050X100           |                       |                              |                        |
| 10.0 x 150 | 3                  |                        |                       | A6021150X100                 |                        |

\*Pursuit XRs Si is a normal phase column.

## Pursuit XRs HPLC Columns

## Analytical Scale

| Size (mm) | Particle Size (µm) | Pursuit XRs C18 USP L1 | Pursuit XRs C8 USP L7 | Pursuit XRs Diphenyl USP L11 | Pursuit XRs Si* USP L3 |
|-----------|--------------------|------------------------|-----------------------|------------------------------|------------------------|
| 4.6 x 250 | 10                 | A6002250X046           |                       |                              | A6004250X046           |
| 4.6 x 50  | 10                 | A6002050X046S          |                       |                              |                        |
| 4.6 x 250 | 5                  | A6000250X046           | A6010250X046          | A6020250X046                 |                        |
| 4.6 x 150 | 5                  | A6000150X046           | A6010150X046          | A6020150X046                 |                        |
| 4.6 x 100 | 5                  | A6000100X046           | A6010100X046          | A6020100X046                 | A6006100X046           |
| 4.6 x 50  | 5                  | A6000050X046           |                       | A6020050X046                 | A6006050X046           |
| 4.6 x 250 | 3                  | A6001250X046           |                       | A6021250X046                 |                        |
| 4.6 x 150 | 3                  | A6001150X046           | A6010150X046          | A6021150X046                 |                        |
| 4.6 x 100 | 3                  | A6001100X046           | A6011100X046          | A6021100X046                 | A6005100X046           |
| 4.6 x 50  | 3                  | A6001050X046           | A6011050X046          | A6021050X046                 | A6005050X046           |
| 4.6 x 30  | 3                  | A6001030X046           |                       | A6021030X046                 |                        |
| 4.0 x 250 | 5                  | A6000250X040           | A6010250X040          |                              |                        |
| 4.0 x 150 | 5                  | A6000150X040           | A6010150X040          |                              |                        |
| 3.0 x 250 | 5                  | A6000250X030           | A6010250X030          | A6020250X030                 |                        |
| 3.0 x 150 | 5                  | A6000150X030           | A6010150X030          | A6020150X030                 |                        |
| 3.0 x 100 | 5                  | A6000100X030           | A6010100X030          | A6020100X030                 |                        |
| 3.0 x 150 | 3                  | A6001150X030           | A6011150X030          | A6021150X030                 |                        |
| 3.0 x 100 | 3                  | A6001100X030           | A6011100X030          | A6021100X030                 |                        |
| 3.0 x 50  | 3                  | A6001050X030           | A6011050X030          | A6021050X030                 |                        |
| 3.0 x 30  | 3                  | A6001030X030           |                       |                              |                        |

\*Pursuit XRs Si is a normal phase column.

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**Pursuit XRs HPLC Columns**

**Analytical Scale**

| Size (mm) | Particle Size (µm) | Pursuit XRs C18 USP L1 | Pursuit XRs C8 USP L7 | Pursuit XRs Diphenyl USP L11 | Pursuit XRs Si* USP L3 |
|-----------|--------------------|------------------------|-----------------------|------------------------------|------------------------|
| 2.1 x 100 | 5                  |                        |                       |                              | A6006100X021           |
| 2.0 x 250 | 5                  | A6000250X020           |                       | A6020250X020                 |                        |
| 2.0 x 150 | 5                  | A6000150X020           | A6010150X020          | A6020150X020                 |                        |
| 2.0 x 100 | 5                  | A6000100X020           | A6010100X020          |                              |                        |
| 2.0 x 50  | 5                  | A6000050X020           | A6010050X020          | A6020050X020                 |                        |
| 2.0 x 30  | 5                  | A6000030X020           |                       |                              |                        |
| 2.0 x 250 | 3                  | A6001250X020           |                       | A6021250X020                 |                        |
| 2.0 x 150 | 3                  | A6001150X020           | A6011150X020          | A6021150X020                 |                        |
| 2.0 x 100 | 3                  | A6001100X020           | A6011100X020          | A6021100X020                 |                        |
| 2.0 x 50  | 3                  | A6001050X020           | A6011050X020          | A6021050X020                 | A6005050X020           |
| 2.0 x 30  | 3                  |                        |                       | A6021030X020                 |                        |
| 2.0 x 20  | 3                  | A6001020X020           |                       |                              |                        |
| 1.0 x 150 | 3                  | A6001150X010           |                       |                              |                        |
| 1.0 x 100 | 3                  | A6001100X010           |                       | A6021100X010                 |                        |

\*Pursuit XRs Si is a normal phase column.








**Pursuit XRs HPLC Columns**

**Prep Scale**

| Size (mm)  | Particle Size (µm) | Pursuit XRs C18 USP L1 | Pursuit XRs C8 USP L7 | Pursuit XRs Diphenyl USP L11 | Pursuit XRs Si* USP L3 |
|------------|--------------------|------------------------|-----------------------|------------------------------|------------------------|
| 50.0 x 250 | 10                 | A6002250X500           |                       | A6002250X500                 | A6004250X500           |
| 30.0 x 250 | 5                  | A6000250X300           |                       |                              | A6004250X300           |
| 30.0 x 150 | 5                  | A6000150X300           |                       | A6020150X300                 |                        |
| 30.0 x 100 | 5                  | A6000100X300           |                       |                              |                        |
| 30.0 x 50  | 5                  | A6000050X300           |                       |                              |                        |
| 21.2 x 250 | 10                 | A6002250X212           | A6012250X212          |                              | A6004250X212           |
| 21.2 x 250 | 5                  | A6000250X212           |                       | A6020250X212                 |                        |
| 21.2 x 150 | 5                  | A6000150X212           |                       |                              |                        |
| 21.2 x 100 | 5                  | A6000100X212           |                       | A6020100X212                 |                        |
| 21.2 x 50  | 5                  | A6000050X212           |                       |                              |                        |
| 21.2 x 30  | 5                  | A6000030X212           |                       |                              |                        |

\*Pursuit XRs Si is a normal phase column.

## MetaGuard Columns, 3/pk

| Hardware  | ID (mm) | Particle Size ( $\mu\text{m}$ ) | Pursuit XRs C18 | Pursuit XRs Si | Pursuit XRs C8 | Pursuit XRs Diphenyl | Pursuit PAH |
|---|---------|---------------------------------|-----------------|----------------|----------------|----------------------|-------------|
|  | 4.6     | 10                              | A6002MG         | A6004MG        |                |                      |             |
|  | 4.6     | 5                               | A6000MG         |                | A6010MG        | A6020MG              |             |
|  | 3.0     | 5                               |                 |                |                |                      | A7000MG3    |
|  | 2.0     | 5                               | A6000MG2        |                | A6010MG2       | A6020MG2             |             |
|  | 4.6     | 3                               | A6001MG         |                | A6011MG        | A6021MG              |             |
|  | 3.0     | 3                               |                 |                |                |                      | A7001MG3    |
|  | 2.0     | 3                               | A6001MG2        |                | A6011MG2       | A6021MG2             | A6001MG2    |

## Pursuit XRs Ultra HPLC Columns

| Size (mm) | Particle Size ( $\mu\text{m}$ ) | Pursuit XRs Ultra C18 | Pursuit XRs Ultra C8 | Pursuit XRs Ultra Diphenyl |
|-----------|---------------------------------|-----------------------|----------------------|----------------------------|
| 3.0 x 150 | 2.8                             | A7501150X030          | A7511150X030         |                            |
| 3.0 x 100 | 2.8                             | A7501100X030          |                      |                            |
| 2.0 x 150 | 2.8                             | A7501150X020          |                      |                            |
| 2.0 x 100 | 2.8                             | A7501100X020          | A7511100X020         | A7521100X020               |
| 2.0 x 50  | 2.8                             | A7501050X020          | A7511050X020         | A7521050X020               |
| 2.0 x 30  | 2.8                             | A7501030X020          | A7511030X020         | A7521030X020               |