

Grom™ Sapphire Column



High Purity for Optimal Performance of Challenging Separations

- Excellent peak shape—Highly symmetrical peaks from high purity silica base
- High speed and high capacity—Range of pore sizes and surface area for improved speed
- Optimized for consistent flow—critical in low volume applications
- Variety of column formats—1.5, 3, and 5µm particles

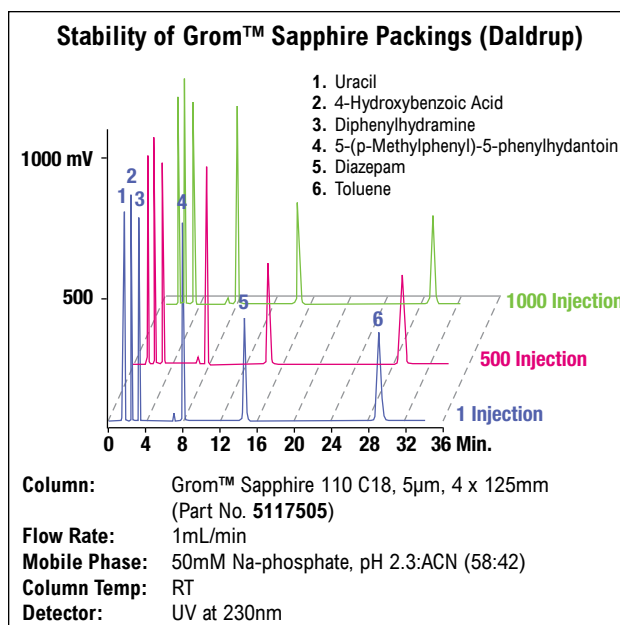
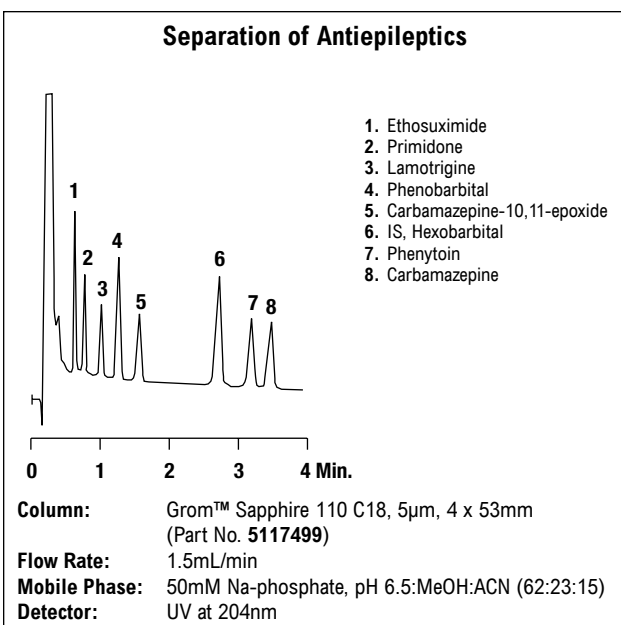


hplc columns | small molecule

Sapphire Phase Specifications

| Phase | Base Material | Particle Shape | Particle Size | Pore Size | Surface Area | Carbon Load | Phase Type | Endcapped? | USP L-code |
|---------|---------------|----------------|---------------|-----------|---------------------------|-------------|------------|------------|------------|
| C18 | Silica | Spherical | 3, 5, 10µm | 65, 110Å | 500, 270m ² /g | 23, 16% | Monomeric | Yes | L1 |
| C8 | Silica | Spherical | 3, 5, 10µm | 65, 110Å | 500, 270m ² /g | 15, 10% | Monomeric | Yes | L7 |
| C4* | Silica | Spherical | 3, 5, 10µm | 65, 110Å | 500, 270m ² /g | 10.5, 7% | Monomeric | Yes | L26 |
| Silica* | Silica | Spherical | 3, 5, 10µm | 65, 110Å | 500, 270m ² /g | — | — | No | L3 |

*Columns available upon request.



Sapphire HPLC Columns

| Packing | i.d. x Length | Part No. |
|----------|---------------|----------|
| C18, 3µm | 0.030 x 150mm | 5119303 |
| | 0.075 x 150mm | 5133239 |
| | 0.100 x 100mm | 5135280 |
| C18, 5µm | 4 x 53mm | 5117499 |
| | 4 x 125mm | 5117505 |
| C8, 5µm | 2 x 250mm | 5118934 |

related products

Looking for HPLC column prefilers? See page 111.



technical assistance

Contact Tech Support: Phone: 1.800.255.8324 (North America)
 Email: contact.alltech@grace.com
 Online: www.discoverysciences.com

related products

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