

# DAISOGEI

## C1-P Series

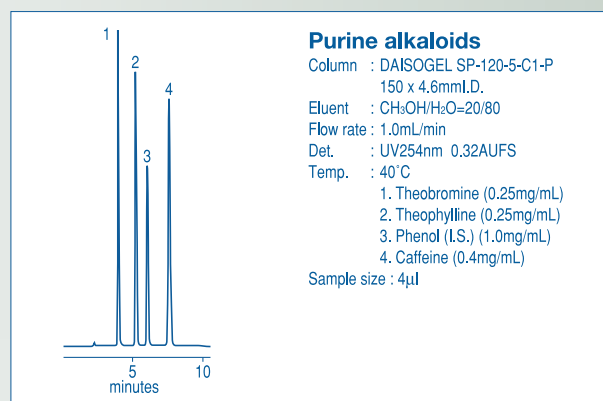
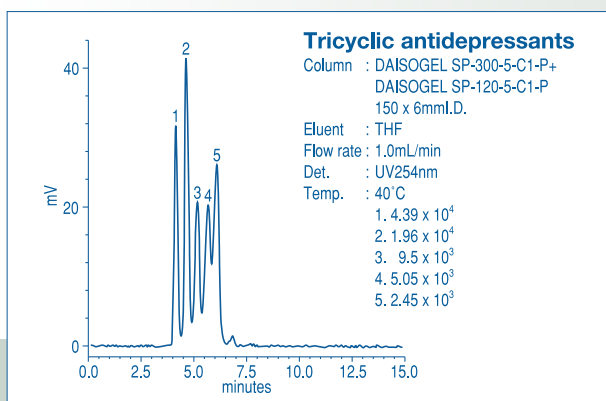


\* Lowest hydrophobicity among alkyl-bonded phases  
\* Suitable for hydrophilic samples separation

\* Useful for GPC depending on the eluent

DAISOGEI C1-P packing materials are bonded with trimethylmonochlorosilane using our ultra pure silica gel as base material. It has the lowest hydrophobicity among alkyl-bonded phases and is suited for the separation of hydrophobic peptides and proteins in reversed phase mode. Highly polar compounds are separated in normal phase mode. The phase is also useful for GPC depending on the choice of the eluent.

### Applications



### Product names and properties

| Analytical Grades | Pore Size (nm) | Particle Size (μm) | Pore Volume (ml/g) | Surface Area (m <sup>2</sup> /g) | % of Carbon | Minimum Lot (g) |
|-------------------|----------------|--------------------|--------------------|----------------------------------|-------------|-----------------|
| SP-60-3-C1-P      | 6              | 3                  | 0.75               | 450                              | 6           | 50              |
| SP-60-5-C1-P      | 6              | 5                  | 0.75               | 450                              | 6           | 50              |
| SP-120-3-C1-P     | 12             | 3                  | 1.0                | 300                              | 5           | 50              |
| SP-120-5-C1-P     | 12             | 5                  | 1.0                | 300                              | 5           | 50              |
| SP-200-3-C1-P     | 20             | 3                  | 1.1                | 200                              | 3           | 50              |
| SP-200-5-C1-P     | 20             | 5                  | 1.1                | 200                              | 3           | 50              |
| SP-300-3-C1-P     | 30             | 3                  | 0.9                | 100                              | 2           | 50              |
| SP-300-5-C1-P     | 30             | 5                  | 0.9                | 100                              | 2           | 50              |

| Preparative Grades | Pore Size (nm) | Particle Size (μm) | Pore Volume (ml/g) | Surface Area (m <sup>2</sup> /g) | % of Carbon | Minimum Lot (g) |
|--------------------|----------------|--------------------|--------------------|----------------------------------|-------------|-----------------|
| SP-60-10-C1-P      | 6              | 10                 | 0.75               | 450                              | 6           | 500             |
| SP-60-15-C1-P      | 6              | 15                 | 0.75               | 450                              | 6           | 500             |
| SP-60-20-C1-P      | 6              | 20                 | 0.75               | 450                              | 6           | 500             |
| SP-60-40/60-C1     | 6              | 50                 | 0.75               | 450                              | 6           | 500             |
| SP-120-10-C1-P     | 12             | 10                 | 1.0                | 300                              | 5           | 500             |
| SP-120-15-C1-P     | 12             | 15                 | 1.0                | 300                              | 5           | 500             |
| SP-120-20-C1-P     | 12             | 20                 | 1.0                | 300                              | 5           | 500             |
| SP-120-40/60-C1    | 12             | 50                 | 1.0                | 300                              | 5           | 500             |
| SP-200-10-C1-P     | 20             | 10                 | 1.1                | 200                              | 3           | 500             |
| SP-200-15-C1-P     | 20             | 15                 | 1.1                | 200                              | 3           | 500             |
| SP-200-20-C1-P     | 20             | 20                 | 1.1                | 200                              | 3           | 500             |
| SP-200-40/60-C1    | 20             | 50                 | 1.1                | 200                              | 3           | 500             |
| SP-300-10-C1-P     | 30             | 10                 | 0.9                | 100                              | 2           | 500             |
| SP-300-15-C1-P     | 30             | 15                 | 0.9                | 100                              | 2           | 500             |
| SP-300-20-C1-P     | 30             | 20                 | 0.9                | 100                              | 2           | 500             |
| SP-300-40/60-C1    | 30             | 50                 | 0.9                | 100                              | 2           | 500             |