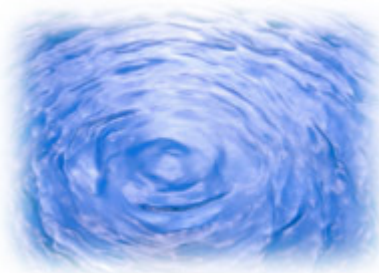


- Suitable for hydrophilic compounds separation
- Strong retention in aqueous condition
- Longer lifetime in aqueous eluents
- Different selectivity from ODS-RPS
- Enhanced mechanical stability
- Suitable for Dynamic Axial Compression columns



ODS-BP phases are designed to show extended selectivity for hydrophilic and polar compounds which are either not or poorly retained on other phases. A proprietary modification technique avoids the matting-down effect of the C18 chains which conventional ODS-phases show at high water contents in the mobile phase, even if pure water is used. Typical applications are separations of biomolecules and metabolites such as oligosaccharides, amino acids, small peptides, nucleotides and organic acids.

DAISOGEL ODS-BP phases are fully end capped and show similar selectivity as conventional C18 phases when being used for separations of hydrophobic compounds with typical reversed phase eluents.

DAISOGEL ODS-BP phases show stable base lines and high sensitivity even under neutral pH conditions and without buffer or counter-ion additives, which makes them appear especially suited for hyphenated techniques like LC-MS, where such additives disturb the detection.



Product names and properties / analytical grades (minimum lot: 50g)					
	Pore Size (nm)	Particle Size (um)	Pore Volume (mL/g)	Surface Area (m ² /g)	% of Carbon
SP-120-3-ODS-BP	12	3	1	300	15
SP-120-4-ODS-BP	12	4	1	300	15
SP-120-5-ODS-BP	12	5	1	300	15
SP-120-7-ODS-BP	12	7	1	300	15
SP-200-3-ODS-BP	20	3	1.1	200	10
SP-200-5-ODS-BP	20	5	1.1	200	10

Product names and properties / preparative grades (minimum lot: 500g)					
	Pore Size (nm)	Particle Size (um)	Pore Volume (mL/g)	Surface Area (m ² /g)	% of Carbon
SP-120-10-ODS-BP	12	10	1	300	15
SP-120-15-ODS-BP	12	15	1	300	15
SP-120-20-ODS-BP	12	20	1	300	15
SP-120-40/60-ODS-B	12	50	1	300	15
SP-200-10-ODS-BP	20	10	1.1	200	10
SP-200-15-ODS-BP	20	15	1.1	200	10
SP-200-20-ODS-BP	20	20	1.1	200	10
SP-200-40/60-ODS-B	20	50	1.1	200	10