DAISOGEL APS-P Series

- Useful in both normal and reversed
 phase
- Recommended for basic compounds separation
- Useful as a support of special modification



DAISOGEL APS-P packing materials are bonded with amino-propyl silane using our ultra-pure spherical silica gel as base material. Depending on the choice of the eluent, it can both be used under normal and reversed phase mode. Especially, it is useful for saccharide separation using acetonitrile/water. The phase is also recommended for the separation of basic compounds under normal phase conditions, which could not be separated using unmodified silica gel. Simple eluents such as hexane / ethyl acetate or chloroform / methanol are used for the separation without any polar solvent additives. The amine functionality provides higher reactivity and is useful as a support of special modifications such as chiral phases. Furthermore, it is an ideal choice for many SFC applications.

Product names and properties / analytical grades (minimum lot: 50g)								
	Pore Size (nm)	Particle Size (um)	Pore Volume (mL/g)	Surface Area (m²/g)	% of Carbon			
SP-60-3-APS-P	6	3	0.75	450	5			
SP-60-5-APS-P	6	5	0.75	450	5			
SP-120-3-APS-P	12	3	1	300	4			
SP-120-5-APS-P	12	5	1	300	4			
SP-200-3-APS-P	20	3	1.1	200	3			
SP-200-5-APS-P	20	5	1.1	200	3			
SP-300-3-APS-P	30	3	0.9	100	2			
SP-300-5-APS-P	30	5	0.9	100	2			

Product names and properties / preparative grades (minimum lot: 500g)								
	Pore Size (nm)	Particle Size (um)	Pore Volume (mL/g)	Surface Area (m²/g)	% of Carbon			
SP-60-10-APS-P	6	10	0.75	450	5			
SP-60-15-APS-P	6	15	0.75	450	5			
SP-60-20-APS-P	6	20	0.75	450	5			
SP-60-40/60-APS	6	50	0.75	450	5			
SP-120-10-APS-P	12	10	1	300	4			
SP-120-15-APS-P	12	15	1	300	4			
SP-120-20-APS-P	12	20	1	300	4			
SP-120-40/60-APS	12	50	1	300	4			
SP-200-10-APS-P	20	10	1.1	200	3			
SP-200-15-APS-P	20	15	1.1	200	3			
SP-200-20-APS-P	20	20	1.1	200	3			
SP-200-40/60-APS	20	50	1.1	200	3			
SP-300-10-APS-P	30	10	0.9	100	2			
SP-300-15-APS-P	30	15	0.9	100	2			
SP-300-20-APS-P	30	20	0.9	100	2			
SP-300-40/60-APS	30	50	0.9	100	2			