KNAUER Column Ordering System

Sample order number: **25DE181ESJ**

250 x 4 mm column (without precolumn) Eurospher 100, C18, 5 µm, spherical, endcapped

KNAUER Column Ordering System

Position	1	2	3	4	5	6	7	8	9	10
	Column Length		Inner Diameter	Pore Size	Particle Shape and Modification		Special Characteristics	Brand Name of Packing Material		Particle Size

Column Length		Inner Diameter		Pore Size		Particle Shape and Modification			Special Characteristics		Brand Name of Packing Material		Particle Size	
				Å		spherical	irregular							
P5*	5 mm	A	1 mm	A	30	00	50	not modified	0	none	CE	CarbEx	G	3 µm
03	30 mm	B	2 mm	B	50	01	51	C1	1	endcapped	EB	Eurosil Bioselect	H	3.5 µm
05	50 mm	C	3 mm	C	60	02	52	C2	2	polymer-bonding	EC	Eurocel	I	4 µm
06	60 mm	D	4(4.1) mm	D	80	03	53	C3	3	acid stable h-philic endc.	EK	Eurokat	J	5 µm
10	100 mm	E	4.6 mm	E	100	04	54	C4	4	h-philic endc.	ES	Eurospher	L	7 µm
11	120 mm	G	8(7.5) mm	F	120	05	55	Phenyl (P,C_6H_5)	5	h-phob. endc.	HM	Hamilton	M	8 µm
12	125 mm	H	10 mm	G	150	06	56	C6	6	acid stable	HP	Hipak	N	10 µm
15	150 mm	I	16 mm	H	200	08	58	C8	7	base stable	IE	IonEx CAT	O	12 µm
20	200 mm	J	20 mm	K	300	10	60	chiral	8	extended selectivity	KS	Kromasil	P	13 µm
25	250 mm	K	32 mm	L	500	14	64	cation exchanger	9	no end-capping	LB	LiChrosorb	Q	15 µm
30	300 mm	L	40 mm	M	1,000	15	65	anion exchanger	A	polar embedded phase	LS	LiChrospher	R	16 µm
		O	62 mm	O	4,000	18	68	C18(ODS,RP18)			NS	Nucleosil	S	20 µm
*Replacement for integrated precolumn		3 With Integrated Precolumn		P	10,000	19	69	NH_2			PA	Partisil	T	30 µm
				Q	100,000	20	70	CN			PL	PLgel / PL Aquagel-OH	U	50 µm
				R	1,000,000	30	80	C30			PS	ProntoSIL	V	60 µm
				X	not defined	31	81	NO_2			PY	ProntoSIL Hypersorb	X	25–40 µm
		Y	2 mm			33	83	$N(Me)_2$			SB	ProntoSIL Spheribond	Y	40–63 µm
		X	3 mm			34	84	H			PE	PolyEncap		
		W	4 mm			35	85	Pb			SI	Sphere-Image		
		V	4.6 mm			36	86	Ca			SS	Supersphere		
						38	88	Ag			TE	Techsphere		
						37	87	CDMPC			ZX	Zorbax		
						41	91	Diol						
						42		spec. PAH						
						43		spec. pesticides						
						44		spec. phenols						
						45		spec. petroleum						
						46		aqueous SEC						
						47		organic GPC						

1	2	3
Bulk Material		Weight
00		A 1 g
		B 10 g
		C 100 g
		D 1,000 g

KNAUER order numbers consist of 10 positions (digits). Positions 1 to 3 describe the dimensions of the column hardware (or when ordering bulk material, the amount of sorbent). Positions 4 through 10 describe the properties of the packing material. Note that not every combination implied by this ordering system will result in a valid column.