

P/N	Stationary phase (Operating temperature range: °C)	Polarity	%	Support	Mesh size	Treatment	Price(JPY)		Applications
							Volume:100ml	※Price of required support	
A									
	Acetyl Tributyl Citrate (-25~180) (Citroflex A-4)	High	1-25	Required support			11,000	+a	Alcohols · Esters · Aromatic hydrocarbons
A-40	Advance-DS (30~230)	High	5	Chromosorb W	80~100	AW-DMCS	50ml	21,500	
A-40H			5	Chromosorb W	80~100	HP	50ml	24,500	
			1-25	Required support		50ml	11,000		
A-41	Advance-DS + H3PO4 (30~230)	High	2+0.5	Chromosorb W	80~100	AW-DWCS	50ml	23,500	Organochlorine pesticides
A-41H			2+0.5	Chromosorb W	80~100	HP	50ml	26,500	
	Apiezon H (20~300)	Non-polar	1-10	Required support			23,000	+a	Hydrocarbons
			10 <	Add JPY800- per 1% increase in stationary phase					
A-10	Apiezon L (20~300)	Non-polar	25	Shimalite	60~80	NAW		47,800	Hydrocarbons
A-35			25	Shimalite	80~100	NAW		47,800	
A-43			20	Chromosorb W	60~80	AW-DWCS		48,000	
A-43H			20	Chromosorb W	60~80	HP		54,000	
A-44			10	Shimalite W	60~80	AW-DWCS		42,800	
A-45			10	Chromosorb W	60~80	AW-DWCS		40,000	
A-45H			10	Chromosorb W	60~80	HP		46,000	
A-46			10	Chromosorb W	80~100	AW-DWCS		40,000	
A-46H			10	Chromosorb W	80~100	HP		46,000	
A-47			5	Shimalite W	60~80	AW-DWCS		42,800	
A-48			5	Shimalite W	80~100	AW-DWCS		42,800	
A-49			5	Chromosorb W	60~80	AW-DWCS		40,000	
A-49H			5	Chromosorb W	60~80	HP		46,000	
A-50			5	Chromosorb W	80~100	AW-DWCS		40,000	
A-50H			5	Chromosorb W	80~100	HP		46,000	
			1-10	Required support			19,000	+a	
			10 <	Add JPY800- per 1% increase in stationary phase					
A-42	Apiezon L+KOH (30~300)	Non-polar	5+1	Sunpak-A			50ml	37,500	Lower amines
A-51			20+10	Chromosorb W	60~80	AW-DWCS		52,000	Amines
A-51H			20+10	Chromosorb W	60~80	HP		58,000	
A-24	Apiezon M (20~275)	Non-polar	25	Shimalite	60~80	NAW		47,800	Hydrocarbons
			1-10	Required support			19,000	+a	
			10 <	Add JPY800- per 1% increase in stationary phase					
	Apiezon N (20~250)	Non-polar	1-10	Required support			21,000	+a	Hydrocarbons
			10 <	Add JPY800- per 1% increase in stationary phase					
	Apiezon T (20~250)	Non-polar	1-10	Required support			21,000	+a	Hydrocarbons
			10 <	Add JPY800- per 1% increase in stationary phase					
	Apiezon Wax W (20~250)	Non-polar	1-25	Required support			11,000	+a	Hydrocarbons
	4,4'-Azoxydianisole (30~150)	Medium	1-10	Required support			24,000	+a	Aromatic hydrocarbons
			10 <	Add JPY800- per 1% increase in stationary phase					
※a: Price of required support									
B									
	Bentone 34 (60~200)	Medium	1-25	Required support			11,000	+a	Aromatic hydrocarbons
B-19	Bentone 34+DNP (50~150)	Medium	5+5	Shimalite	80~100	NAW		31,800	Aromatic hydrocarbon isomers (Xylene isomers)
B-22	Bentone 34+DDP (50~150)	Medium	5+5	Shimalite	60~80	NAW		31,800	Xylene isomers
B-37	Bentone 34+Silicone DC-200	Low	5+5	Chromosorb W	60~80	AW-DMCS		35,000	Xylene isomers
B-37H			5+5	Chromosorb W	60~80	HP		41,000	
B-32	Bentone 34+DIDP (50~150)	Medium	5+5	Shimalite	60~80	NAW		31,800	Xylene isomers
	Benzyl Cyanide (Phenyl-Acetonitrile) (0~50)	High	1-25	Required support			11,000	+a	Hydrocarbons (olefins and paraffins)
B-17	Benzyl Cyanide + AgNO ₃ (0~50)	High	35	Shimalite	60~80	NAW		31,800	Hydrocarbons (olefins and paraffins)
B-27	N,N-Bis(2-Cyanoethyl) Formamide (20~125)	High	15	Shimalite	60~80	NAW		50,800	Hydrocarbons
			1-10	Required support			28,000	+a	
			10 <	Add JPY1,200- per 1% increase in stationary phase					
	Bis(2-Ethoxyethyl) Sebacate (~150)	High	1-10	Required support			20,000	+a	Hydrocarbons
			10 <	Add JPY800- per 1% increase in stationary phase					
	Bis(2-Butoxyethyl) Phthalate(BBEP) (30~175)	Medium	1-25	Required support			11,000	+a	Hydrocarbons
	Bis(2-Methoxyethyl) Adipate (BMEA) (20~80)	Medium	1-10	Required support			31,000	+a	Hydrocarbons
			10 <	Add JPY1,200- per 1% increase in stationary phase					
BMEE(See Tetraethyleneglycol Dimethyl Ether)									
	1,4-Butanediol Adipate (1,4-BDA) (30~210)	High	1-25	Required support			11,000	+a	Fatty acid methyl esters
B-28	1,4-Butanediol Succinate (1,4-BDS) (50~210)	High	20	Shimalite	60~80	AW		29,800	Fatty acid methyl esters
B-18			20	Chromosorb W	60~80	AW		26,000	
B-33			10	Shimalite W	60~80	AW-DMCS		35,800	
B-34			10	Chromosorb W	60~80	AW-DMCS		33,000	
B-34H			10	Chromosorb W	60~80	HP		39,000	
B-35			5	Shimalite W	60~80	AW-DMCS		35,800	
B-36			5	Chromosorb W	60~80	AW-DMCS		33,000	
B-36H			5	Chromosorb W	60~80	HP		39,000	
	1-25	Required support			12,000	+a			
B-29	1,4-Butanediol Succinate-HG (50~190)	High	20	Chromosorb W	80~100	AW-DMCS		64,000	Alkyl mercury compounds
B-29H			20	Chromosorb W	80~100	HP		70,000	
B-30			10	Chromosorb W	80~100	AW-DMCS		64,000	Phenyl mercury compounds
B-30H			10	Chromosorb W	80~100	HP		70,000	
	1-25	Required support			43,000	+a			
Carbowax (See Polyethyleneglycol)									
	Carnauba Wax (90~200)	Medium	1-25	Required support			11,000	+a	Aromatic hydrocarbons

C-10	Castor Wax (90~200)	Medium	20	Shimalite	60~80 NAW	27,800	Alcohols · Fragrance compounds
			1-25	Required support		11,000 +a	
	Citroflex 4 (Tributyl Citrate) (30~150)	Medium	1-25	Required support		13,000 +a	Alcohols · Esters · Aromatic hydrocarbons

※a: Price of required support

D							
	Daifloil No.3 (0~50)	Non-polar	1-25	Required support		12,000 +a	Corrosive samples
	Daifloil No.10 (0~100)	Non-polar	1-25	Required support		12,000 +a	Corrosive samples
	Daifloil No.100 (0~120)	Non-polar	1-25	Required support		12,000 +a	Corrosive samples
D-6 D-84	Dibutyl Maleate (DBM) (-10~50)	High	25	Shimalite	60~80 NAW	28,800	Lower hydrocarbons
			25	Shimalite	80~100 NAW	28,800	
			1-25	Required support		12,000 +a	
SD-10	DBM + ODPN (20~60)	High	35 (95:5)	Shimalite	60~80 NAW	33,800	(JIS K-2240)
			35 (95:5)	Shinwasorb-U	60~80	25g 19,100	
SD-11	DBM + Propylene Carbonate (20~30)	High	35 (35:65)	Shimalite	60~80 NAW	32,800	(JIS K-2240)
			35 (35:65)	Shinwasorb-U	60~80	25g 18,600	
	Dibutyl Phthalate (DBP) (20~100)	Medium	1-25	Required support		11,000 +a	Hydrocarbons · Esters
D-69	Didecyl Phthalate (DDP) (10~125)	Medium	20	Shimalite	60~80 NAW	27,800	Hydrocarbons · Esters
			1-25	Required support		11,000 +a	
	Diethylene Glycol (DEG) (20~50)	High	1-25	Required support		11,000 +a	Hydrocarbons · Esters
D-70 D-81 D-1	Diethyleneglycol Adipate (DEGA) (20~225)	High	15	Shimalite	60~80 AW	28,800	Fatty acid methyl esters
			10	Chromosorb W	60~80 AW	25,000	
			5	Shimalite W	60~80 AW	30,800	
			1-25	Required support		11,000 +a	
	Diethyleneglycol Isophthalate (DEGIP) (20~200)	High	1-25	Required support		11,000 +a	Fatty acid methyl esters
	Diethyleneglycol Sebacate (DEGSe) (30~210)	High	1-25	Required support		11,000 +a	Fatty acid methyl esters
D-23 D-60S D-60SH D-25 D-85 D-86S D-58 D-58S D-58SH D-87S D-87SH D-26S D-27S D-82S D-82SH	Diethyleneglycol Succinate (DEGS) (20~225)	High	25	Shimalite	60~80 AW	28,800	Fatty acid methyl esters
			25	Chromosorb W	60~80 AW-DMCS	32,000	
			25	Chromosorb W	60~80 HP	38,000	
			15	Shimalite	60~80 AW	28,800	
			15	Shimalite	80~100 AW	28,800	
			15	Shimalite W	80~100 AW-DMCS	34,800	
			15	Chromosorb W	60~80 AW	25,000	
			15	Chromosorb W	60~80 AW-DMCS	32,000	
			15	Chromosorb W	60~80 HP	38,000	
			15	Chromosorb W	80~100 AW-DMCS	32,000	
			15	Chromosorb W	80~100 HP	38,000	
			10	Shimalite W	60~80 AW-DMCS	34,800	
			5	Shimalite W	60~80 AW-DMCS	34,800	
			5	Chromosorb W	60~80 AW-DMCS	32,000	
			5	Chromosorb W	60~80 HP	38,000	
		1-25	Required support		11,000 +a		
D-71 D-71H D-72 D-72H	Diethyleneglycol Succinate-HG (DEGS-HG) (20~190)	High	20	Chromosorb W	80~100 AW-DMCS	64,000	Alkyl mercury compounds
			20	Chromosorb W	80~100 HP	70,000	Phenyl mercury compounds
			10	Chromosorb W	80~100 AW-DMCS	64,000	
			10	Chromosorb W	80~100 HP	70,000	
			1-25	Required support		43,000 +a	
D-73S D-73SH D-28S D-28SH D-28 D-74 D-74H	Diethyleneglycol Succinate+H3PO4 (DEGS+H3PO4) (20~225)	High	10+1	Chromosorb W	60~80 AW-DMCS	36,000	Preservatives
			10+1	Chromosorb W	60~80 HP	42,000	
			5+1	Chromosorb W	60~80 AW-DMCS	36,000	
			5+1	Chromosorb W	60~80 HP	42,000	
			5+1	Chromosorb W	60~80 AW	29,000	
			2+0.5	Chromosorb W	80~100 AW-DMCS	36,000	
			2+0.5	Chromosorb W	80~100 HP	42,000	
D-54	Diglycerol (20~150)	High	25	Shimalite	60~80 NAW	30,800	Alcohols · Esters
			1-25	Required support		14,000 +a	
D-80 D-80H SD-80	Diglycerol+ Tetraethylene- Pentamine+KOH (20~80)	High	15+15+2	Chromosorb W	80~100 AW-DMCS	43,000	Lower amines
			15+15+2	Chromosorb W	80~100 HP	49,000	
			7.5+7.5+1	Shinwasorb-S	60~80	25g 23,200	
	Diisodecyl Phthalate (DIDP) (20~150)	Medium	1-25	Required support		11,000 +a	Hydrocarbons · Lower alcohols
	Dilauryl Phthalate (DLP) (20~140)	Medium	1-25	Required support		11,000 +a	Hydrocarbons · Lower alcohols
D-12	Dimethyl Formamide (DMF) (-10~30)	High	50	Shimalite	60~80 NAW	27,800	Lower Hydrocarbons
			1-50	Required support		11,000 +a	
	Dimethyl Sulfoxide (DMSO) (-10~50)	High	1-25	Required support		11,000 +a	Lower Hydrocarbons
D-14 D-16 D-15 D-45	Dinonyl Phthalate (DNP) (0~150)	Medium	25	Shimalite	60~80 BT	29,200	Alcohols · Esters
			25	Shimalite	80~100 BT	29,200	
			5	Shimalite W	60~80 BT	33,200	
			5	Chromosorb W	60~80 BT	25,000	
			1-25	Required support		11,000 +a	
D-78 D-78H	Dinonyl Phthalate +H3PO4 (DNP+H3PO4) (0~150)	Medium	6+1	Chromosorb W	60~80 AW-DMCS	36,000	Phenols
				Chromosorb W	60~80 HP	42,000	

D-126	Diocetyl Phthalate (Di(2-Ethylhexyl) Phthalate) (DOP) (20~150)	Medium	30	Chromosorb W	80~100 AW-DMCS	32,000	Alcohols · Esters
D-126H			30	Chromosorb W	80~100 HP	38,000	
D-17			25	Shimalite	60~80 NAW	27,800	
D-18			25	Shimalite	80~100 NAW	27,800	
D-124			20	Chromosorb W	60~80 AW-DMCS	32,000	
D-124H			20	Chromosorb W	60~80 HP	38,000	
D-127			10	Shimalite	60~80 AW-DMCS	34,800	
D-128			10	Chromosorb W	80~100 AW-DMCS	32,000	
D-128H			10	Chromosorb W	80~100 HP	38,000	
			1-25	Required support		11,000 +a	
O-4	Octoil S(Diethyl-Sebacate) (Di(2-Ethylhexyl) Sebacate) (DOS) (0~140)	Medium	25	Shimalite	60~80 NAW	27,800	Alcohols · Esters
O-62			20	Chromosorb W	60~80 AW	25,000	
			1-25	Required support		11,000 +a	
D-19	DOP-B (50~120)	Medium	30	Shimalite	60~80 NAW	27,800	Alcohols in thinners, etc.
			1-25	Required support		11,000 +a	
	n-Dodecane (~10~30)	Non-polar	1-25	Required support		11,000 +a	Lower Hydrocarbons

※a: Price of required support

E							
	ECNSS-M(Ethylene Succinate Cyanoethyl Silicone Polymer) (50~220) ECNSS-S is similar (50~190)	Low	1-5	Required support		40,000 +a	Monosaccharides · Higher fatty acid esters
			5 <	Add JPY3,000- per 1% increase in stationary phase			
E-24	EGSS-X(Ethylene glycol succinate methyl silicone copolymer) (50~225)	Low	10	Chromosorb W	60~80 AW-DMCS	81,000	Fatty acid methyl esters
E-24H			10	Chromosorb W	60~80 HP	87,000	
			1-5	Required support		40,000 +a	
			5 <	Add JPY4,000- per 1% increase in stationary phase			
E-13	Ethofat 60/25 (20~120)	Low	20	Shimalite F	20~80	46,000	Aldehydes · Alcohols · Esters
			1-10	Required support		21,000 +a	
			10 <	Add JPY1,000- per 1% increase in stationary phase			
E-5	Ethylene glycol Adipate (EGA)(50~200)	High	25	Shimalite	60~80 AW	28,800	Fatty acid methyl esters
E-27			20	Chromosorb W	60~80 AW-DMCS	32,000	
E-27H			20	Chromosorb W	60~80 HP	38,000	
E-28			10	Shimalite W	60~80 AW-DMCS	34,800	
E-29			10	Chromosorb W	60~80 AW-DMCS	32,000	
E-29H			10	Chromosorb W	60~80 HP	38,000	
E-30			2	Chromosorb G	60~80 AW-DMCS	Please contact us	Residual pesticides
E-31			0.5	Chromosorb W	80~100 AW	25,000	Amino acids
			1-25	Required support		11,000 +a	
E-7	Ethylene glycol Sebacate (EGSe) (50~225)	High	15	Shimalite F	20~80	26,000	Oxygen-containing compounds · Alcohols · Esters
			1-25	Required support		11,000 +a	
E-3	Ethylene glycol Succinate (EGS) (50~225)	High	25	Shimalite	60~80 AW	28,800	Fatty acid methyl esters
E-32			20	Chromosorb W	60~80 AW-DMCS	32,000	
E-32H			20	Chromosorb W	60~80 HP	38,000	
E-33			10	Shimalite W	60~80 AW-DMCS	34,800	
E-34			10	Chromosorb W	60~80 AW-DMCS	32,000	
E-34H			10	Chromosorb W	60~80 HP	38,000	
			1-25	Required support		11,000 +a	

※a: Price of required support

F							
F-2	FAL-M (30~210)	Low	25	Chromosorb W	80~100 AW-DMCS H3PO4	81,000	Free fatty acids
F-2H			25	Chromosorb W	80~100 HP H3PO4	87,000	
F-3	(30~210)	Low	12	Shimalite	80~100 AW-DMCS	79,800	Free fatty acids in water
F-1			10	Shimalite TPA	30~60	84,000	
F-7			"	"	60~80	108,000	
F2-18			10	SHINCARBON AII	80~100	10g 61,000	
			1-25	Required support		56,000 +a	
F-5	FAP-S (30~180)	Medium		Chromosorb W	60~80 AW	46,000	Cresols · Xylenols · Alkylphenols
			1-25	Required support		32,000 +a	
F-8	FFAP (Free Fatty Acid Polyester) (30~275)	High	20	Chromosorb W	80~100 AW	50,000	Styrene monomer in resin · Free fatty acids
			1-10	Required support		24,000 +a	
			10 <	Add JPY1,200- per 1% increase in stationary phase			
F-19	FFAP+H3PO4	High	0.3+0.3	Graphite Carbon	60~80	10g 81,000	Free fatty acids
F-16	Flexol 8N8 (20~150)	Low	25	Chromosorb W	60~80 AW-DMCS	53,000	Ethylene oxide · Propylene oxide
F-16H			25	Chromosorb W	60~80 HP	59,000	
			1-10	Required support		20,000 +a	
			10 <	Add JPY800- per 1% increase in stationary phase			
F-13	FON (30~250)	High	20	Celite 545	80~100 A	50ml 27,000	Free fatty acids · Aromatic hydrocarbons · Styrene monomer in resin
F-15			20	Chromosorb W	80~100 AW-DMCS	50ml 30,500	
F-15H			20	Chromosorb W	80~100 HP	50ml 33,500	
F-12			10	Celite 545	80~100 A	50ml 19,000	
F-14			10	Chromosorb W	80~100 AW-DMCS	50ml 22,500	
F-14H			10	Chromosorb W	80~100 HP	50ml 25,500	
SF-14			10	Shinwasorb-S	60~80	25g 24,200	Solvents in water
F-17			5	Sunpak-A	50~80	50ml 38,000	
			1-10	Required support		50ml 12,000 +a/2	
			10 <	Add JPY800- per 1% increase in stationary phase			

※a: Price of required support

G						
	Glycerol (20~100)	High	1-25	Required support		11,000 +a Alcohols
	Glutaronitrile (20~100)	High	1-10	Required support		20,000 +a Hydrocarbons
			10 <	Add JPY800- per 1% increase in stationary phase		

※a: Price of required support

H						
H-6	<i>n</i> -Hexadecane (0~50)	Non-polar	25	Shimalite	60~80 NAW	29,800 Lower hydrocarbons (elute in boiling point order)
			1-25	Required support		13,000 +a
H-2	Hexatriacontane (50~100)	Non-polar	30	Shimalite	60~80 NAW	52,800 Hydrocarbons
			1-10	Required support		20,000 +a
			10 <	Add JPY800- per 1% increase in stationary phase		
H-16 H-19 H-19H	High Vacuum Grease (20~180)	Non-polar	25	Shimalite	60~80 NAW	27,800 Hydrocarbons
			20	Chromosorb W	60~80 AW-DMCS	32,000
			20	Chromosorb W	60~80 HP	38,000
			1-25	Required support		11,000 +a
H-21 H-22 H-22H	Hyprose SP-80 (20~150)	Low	10	Shimalite W	60~80 AW-DMCS	34,800 Fragrance compounds · Refined oils
			"	Chromosorb W	60~80 AW-DMCS	32,000
			"	Chromosorb W	60~80 HP	38,000
			1-25	Required support		11,000 +a

※a: Price of required support

I						
I-5 I-6 I-6H	Igepal CO-880 (20~200)	Low	10	Shimalite W	60~80 AW-DMCS	37,800 Oxygen-containing compounds · Esters
			10	Chromosorb W	60~80 AW-DMCS	35,000
			10	Chromosorb W	60~80 HP	41,000
					Required support	
	IgepalCO-990 (50~220)	Low	1-25	Required support		14,000 +a Alcohols · Ketones · Esters

※a: Price of required support

L						
L-6 L-6H	Lanoline(Denatured) (20~200)	Low	10	Chomosorb W	80~100 AW-DMCS	32,000 Cresols (separations of o, m, and p isomers)
			10	Chomosorb W	80~100 HP	38,000
			1-25	Required support		11,000 +a
L-8 L-8H	Lubrol MOA+KOH (30~150)	Low	10+1	Chromosorb W	60~80 AW-DMCS	36,000 Dimethylformamide
			10+1	Chomosorb W	60~80 HP	42,000
	Liquid Paraffin (30~130)	Non-polar	1-25	Required support		11,000 +a Hydrocarbons

※a: Price of required support

N						
N-20 N-21 N-21H	Neopentylglycol Adipate(NGA) (50~225)	High	15	Shimalite W	60~80 AW-DMCS	34,800 Fatty acid methyl esters
			15	Chromosorb W	60~80 AW-DMCS	32,000
			15	Chromosorb W	60~80 HP	38,000
			1-25	Required support		11,000 +a
	Neopentylglycol Sebacate(NGSe) (50~225)	High	1-25	Required support		11,000 +a Fatty acid methyl esters
N-22 N-23 N-23H N-17 N-17H N-24 N-4 N-4H N-25 N-25H	Neopentylglycol Succinate(NGS) (50~240)	High	5	Shimalite W	60~80 AW-DMCS	34,800 Fatty acid methyl esters · Alcohols · Ketones · Sorbic acids · Saccharides
			5	Chromosorb W	60~80 AW-DMCS	32,000
			5	Chromosorb W	60~80 HP	38,000
			2	Chromosorb W	60~80 AW-DMCS	32,000
			2	Chromosorb W	60~80 HP	38,000
			1.5	Shimalite W	60~80 AW-DMCS	34,800
			1	Chromosorb W	60~80 AW-DMCS	32,000
			1	Chromosorb W	60~80 HP	38,000
			1	Chromosorb W	80~100 AW-DMCS	32,000
	1	Chromosorb W	80~100 HP	38,000		
	1-25	Required support		11,000 +a		

※a: Price of required support

O						
	<i>n</i> -Octadecane (0~90)	Non-polar	1-25	Required support		15,000 +a
OV-1(See Silicone OV-1) OV-101(See Silicone OV-101) OV-17(See Silicone OV-17) OV-210(See Silicone OV-210) OV-25(See Silicone OV-25) OV-225(See Silicone OV-225)						
O-42 O-55 O-56 O-56H SO-56	β,β' -Oxydipropionitrile(ODPN) (0~100)	High	25	Shimalite	60~80 NAW	28,800 Hydrocarbons
			25	Shimalite	80~100 NAW	28,800 Mercaptans
			25	Chromosorb W	60~80 AW-DMCS-ST *	37,000 Sulfur compounds (monosulfides)
			25	Chromosorb W	60~80 HP-ST *	43,000
			12.5	Shinwasorb-S(ST)	60~80 ST *	25g 20,200
	1-25	Required support		12,000 +a		

※a: Price of required support

※AW-DMCS-ST and HP-ST : Special treatment for analyses of sulfur compounds.

P								
	Polyethyleneglycol 200 (PEG 200) (10~100)	High	1-25	Required support		10,000 +a Lower alcohols · Thinners		
	Polyethyleneglycol 300 (PEG 300) (10~100)	High	1-25	Required support		10,000 +a		
P-22	Polyethyleneglycol 400 (PEG 400) (10~100)	High	25	Shimalite	60~80 BT	28,200		
P-70			15	Shimalite W	" BT	32,200		
			1-25	Required support		10,000 +a	Lower alcohols · Thinners	
P-6	Polyethyleneglycol 600 (PEG 600) (10~125)	High	25	Shimalite	60~80 BT	28,200		
P-84			20	Chromosorb W	60~80 BT	24,000		
P-85			10	Shimalite TPA	30~60	38,000		
P-86			"	Shimalite TPA	60~80	62,000		
			1-25	Required support		10,000 +a	Lower alcohols · Thinners	
P-10	Polyethyleneglycol 1000 (PEG 1000) (20~150)	High	25	Shimalite	60~80 BT	28,200		
P-11			25	Shimalite	80~100 BT	28,200		
P-87			20	Chromosorb W	80~100 BT	24,000		
P-71			10	Shimalite W	80~100 BT	32,200		
P-88			10	Shimalite TPA	30~60	38,000		
P-89			10	Shimalite TPA	60~80	62,000		
			1-25	Required support		10,000 +a	Lower alcohols · Thinners	
P-29	Polyethyleneglycol 1500 (PEG 1500) (50~150)	High	25	Shimalite	60~80 BT	28,200		
P-134			25	Chromosorb W	60~80 AW-DMCS	31,000		
P-134H			25	Chromosorb W	60~80 HP	37,000		
P-30			15	Shimalite F	20~80	25,000		
P-72			10	Shimalite W	60~80 BT	32,200		
			1-25	Required support		10,000 +a	Solvents	
	Polyethyleneglycol 1540 (PEG 1540) (50~150)	High	1-25	Required support		10,000 +a Solvents		
	Polyethyleneglycol 2000 (PEG 2000) (20~150)	High	1-25	Required support		11,000 +a Solvents		
P-73	Polyethyleneglycol 4000 (PEG 4000) (50~170)	High	10	Shimalite W	60~80 BT	32,200		
			1-25	Required support		10,000 +a	Solvents	
P-15	Polyethyleneglycol 6000 (PEG 6000) (50~200)	High	25	Shimalite	60~80 BT	28,200		
P-16			25	Shimalite	80~100 BT	28,200		
P-90			20	Chromosorb W	60~80 BT	24,000		
P-18			20	Shimalite F	20~80	25,000		
P-17			10	Shimalite W	60~80 BT	32,200		
P-74			10	Shimalite TPA	30~60	38,000		
P-91			10	Shimalite TPA	60~80	62,000		
P-130			10	Shincarbon A	60~80	50ml 41,000		
P2-130			10	Shincarbon AII	60~80	50ml 38,000		
			1-25	Required support		10,000 +a	Free fatty acids in water · Alcohols in water	
P-19			PEG 6000+KOH (50~200)	High	10+10	Chromosorb W	60~80 BT	28,000
P-135							Oxygen-containing compounds · Lower amines	
P-47	Polyethyleneglycol 20M (PEG 20M) (50~230)	High	25	Shimalite	60~80 NAW	26,800		
P-48			25	Shimalite	80~100 NAW	26,800		
P-120			25	Chromosorb W	60~80 AW-DMCS	31,000		
P-120H			25	Chromosorb W	60~80 HP	37,000		
P-46			20	Shimalite	60~80 NAW	26,800		
P-49			20	Shimalite	80~100 NAW	26,800		
P-57			20	Chromosorb W	60~80 AW	24,000		
P-58			20	Chromosorb W	80~100 AW	24,000		
P-25			20	Chromosorb W	60~80 AW-DMCS	31,000		
P-25H			20	Chromosorb W	60~80 HP	37,000		
P-26			20	Chromosorb W	80~100 AW-DMCS	31,000		
P-26H			20	Chromosorb W	80~100 HP	37,000		
P-54			15	Shimalite F	20~80	25,000		
P-45			10	Shimalite	60~80 NAW	26,800		
P-51			10	Shimalite	80~100 NAW	26,800		
P-75			10	Shimalite W	60~80 NAW	26,600		
P-121			10	Shimalite W	60~80 AW-DMCS	33,800		
P-122			10	Shimalite W	80~100 AW-DMCS	33,800		
P-55			10	Chromosorb W	60~80 AW	24,000		
P-56			10	Chromosorb W	80~100 AW	24,000		
P-23			10	Chromosorb W	60~80 AW-DMCS	31,000		
P-23H			10	Chromosorb W	60~80 HP	37,000		
P-24			10	Chromosorb W	80~100 AW-DMCS	31,000		
P-24H			10	Chromosorb W	80~100 HP	37,000		
P-136			10	Shimalite TPA	60~80	62,000		
P-131			10	Shincarbon A	60~80	50ml 41,000		
P2-131			10	Shincarbon AII	60~80	50ml 38,000		
			1-25	Required support		10,000 +a	Hydrocarbons · Alcohols · Esters · ketones	
			PEG 20M-TPA (50~250)	Medium	1-10	Required support		18,000 +a
					10 <	Add JPY800- per 1% increase in stationary phase		
			Polyethyleneimine (0~180)	Medium	1-25	Required support		11,000 +a Polar compounds

P-127 P-128 P-128H P-81 P-82	Polyphenyl Ether (5 rings) OS-124 (10~200)	Low	10	Shimalite W	60~80	AW-DMCS	41,800	Aromatic hydrocarbons			
			10	Chromosorb W	60~80	AW-DMCS	39,000				
			10	Chromosorb W	60~80	HP	45,000				
						10	Shimalite TPA	30~60		46,000	Sulfur compounds · Phenols in water
						10	Shimalite TPA	60~80		70,000	
						1-10	Required support			18,000 +a	
						10 <	Add JPY800- per 1% increase in stationary phase				
	Polyvinylpyrrolidone (PVP) (30~200)	Low	1-25	Required support			11,000 +a	Hydrocarbons			
P-78	Propylenecarbonate (0~50)	High	25	Shimalite	60~80	NAW	27,800	Lower hydrocarbons			
			1-25	Required support			11,000 +a				
	Propyleneglycol (30~150)	Medium	1-25	Required support			11,000 +a	Alcohols · Esters			
P-65	Propyleneglycol Adipate (10~225)	High	20	Shimalite	60~80	AW	28,800	Alcohols · Esters			
			1-25	Required support			11,000 +a				
P-66	Propyleneglycol Sebacate (10~225)	High	20	Shimalite	60~80	AW	28,800	Alcohols · Esters			
			1-25	Required support			11,000 +a				
P-67	Propyleneglycol Succinate (10~225)	High	20	Shimalite	60~80	AW	28,800	Alcohols · Esters			
			1-25	Required support			11,000 +a				

※a: Price of required support

Q								
Q-11 Q-12 Q-12H	Quadrol (10~150)	High	5	Shimalite W	60~80	AW-DMCS	34,800	Higher amines · Aromatic amines
			5	Chromosorb W	60~80	AW-DMCS	32,000	
			5	Chromosorb W	60~80	HP	38,000	
			1-25	Required support			11,000 +a	

※a: Price of required support

R								
R-1 R-4 R-4H R-3 R-3H	Reoplex 400 (10~225)	High	20	Shimalite	60~80	NAW	28,800	High boiling point compounds · Terpenes · Anaerobe identification
			20	Chromosorb W	60~80	AW-DMCS	33,000	
			20	Chromosorb W	60~80	HP	39,000	
			10	Chromosorb W	80~100	AW-DMCS	33,000	
			10	Chromosorb W	80~100	HP	39,000	
			1-25	Required support			12,000 +a	

※a: Price of required support

S								
SAIB(See Sucrose Diacetate Hexaisobutyrate)								
S-93	SBS-1 (20~120)	Medium	10	Shimalite TPA	60~80		63,000	Solvents
			1-25	Required support			11,000 +a	
S-94	SBS-100 (30~150)	Medium	10	Shimalite TPA	60~80		63,000	Work environment measurement substances
			1-25	Required support			11,000 +a	
S2-120	SBS-120 (30~150)	Medium	12	Shincarbon-AII	80~100		50ml 48,000	Organic solvents in air · Work environment measurement substances
			1-25	Required support			30,000 +a	
S-99	SBS-200 (30~250)	Low	20	Shimalite W	100~120	AW-DMCS	45,800	Work environment measurement substances
			1-25	Required support			22,000 +a	
S-100	SBS-300 (30~280)	Non-polar	20	Shimalite W	80~100	AW-DMCS	46,800	Chlorinated solvents
			1-25	Required support			23,000 +a	
	Sebacic Acid (20~150)	Medium	1-25	Required support			11,000 +a	Terpenes
S-66 S-85	Sebaconitrile (-10~90)	High	25	Shimalite	60~80	NAW	54,800	Lower Hydrocarbons
			25	Shimalite	80~100	NAW	58,400	
			1-10	Required support			23,000 +a	
			10 <	Add JPY1,000- per 1% increase in stationary phase				
E-23 SE-23	Shinchrom E71 (100~250)	High	5	Shimalite	80~100	AW	50ml 20,900	Fatty acid methyl esters
			5	Shinwasorb-U	60~80		25g 22,600	
				Required support			50ml 12,000 +a/2	
F-9 F-9H F-10 F-10H	Shinchrom F51+Bentone 34 (30~140)	Low	6+2	Chromosorb W	80~100	AW-DMCS	50ml 32,500	Styrene monomer (ethylbenzene and xylene isomers)
			6+2	Chromosorb W	80~100	HP	50ml 32,500	
			6+4	Chromosorb W	80~100	AW-DMCS	50ml 32,500	
			6+4	Chromosorb W	80~100	HP	50ml 35,500	
F-11 F-11H	Shinchrom F51+H ₃ PO ₄ (30~140)	Low	10+1	Chromosorb W	80~100	AW-DMCS	50ml 32,500	Free fatty acids
			10+1	Chromosorb W	80~100	HP	50ml 35,500	
	SILAR-5CP (50~275) (50% Cyanopropyl 50% phenyl silicone)	High	1-5	Required support			51,000 +a	Fatty acid methyl esters
			5 <	Add JPY7,000- per 1% increase in stationary phase				
	SILAR-7CP (50~275) (70% Cyanopropyl 30% phenyl silicone)	High	1-5	Required support			51,000 +a	Fatty acid methyl esters
			5 <	Add JPY7,000- per 1% increase in stationary phase				
S-61	Silicone DC-11 (10~250) (Methyl silicone)	Low	5	Chromosorb G	60~80	AW-DMCS	Please contact us	Residual pesticides
			1-25	Required support			11,000 +a	

S-6	Silicone DC-200 (10~250) (Dimethylsilicone Oil)	Low	25	Shimalite	60~80	NAW	26,800	Hydrocarbons	
S-7			25	Shimalite	80~100	NAW	26,800		
S-101			20	Chromosorb W	60~80	AW-DMCS	31,000		
S-101H			20	Chromosorb W	60~80	HP	37,000		
S-102			20	Chromosorb W	80~100	AW-DMCS	31,000		
S-102H			20	Chromosorb W	80~100	HP	37,000		
S-67			10	Shimalite W	60~80	NAW	26,600		
S-103			10	Shimalite W	60~80	AW-DMCS	33,800		
S-104			10	Chromosorb W	60~80	AW-DMCS	31,000		
S-104H			10	Chromosorb W	60~80	HP	37,000		
S-95			10	Chromosorb W	80~100	AW-DMCS	31,000		
S-95H			10	Chromosorb W	80~100	HP	37,000		
S-105			5	Chromosorb W	60~80	AW-DMCS	31,000		
S-105H			5	Chromosorb W	60~80	HP	37,000		
			1-25	Required support					10,000 +a
S-8	Silicone DC-550 (10~250) (25% Phenylmethylsilicone)	Low	25	Shimalite	60~80	NAW	25,800	Hydrocarbons	
S-10			25	Shimalite	80~100	NAW	25,800		
S-106			20	Chromosorb W	60~80	AW-DMCS	30,000		
S-106H			20	Chromosorb W	60~80	HP	36,000		
S-107			20	Chromosorb W	80~100	AW-DMCS	30,000		
S-107H			20	Chromosorb W	80~100	HP	36,000		
S-11			10	Shimalite F	20~80		24,000		
S-68			10	Shimalite W	60~80	NAW	25,600		
S-108			10	Shimalite W	60~80	AW-DMCS	32,800		
S-109			10	Chromosorb W	60~80	AW-DMCS	30,000		
S-109H			10	Chromosorb W	60~80	HP	36,000		
S-96			10	Chromosorb W	80~100	AW-DMCS	30,000		
S-96H			10	Chromosorb W	80~100	HP	36,000		
S-110			5	Chromosorb W	60~80	AW-DMCS	30,000		
S-110H			5	Chromosorb W	60~80	HP	36,000		
	1-25	Required support				9,000 +a			
S-15	Silicone DC-702 (-20~130)	Low	25	Shimalite	60~80	NAW	27,800	Hydrocarbons	
			1-25	Required support					11,000 +a
S-111	Silicone DC-710 (0~150) (50% Phenylmethylsilicone)	Low	10	Shimalite W	60~80	AW-DMCS	34,800	Solvents	
S-112			10	Chromosorb W	60~80	AW-DMCS	32,000		
S-112H			10	Chromosorb W	60~80	HP	38,000		
			1-25	Required support					11,000 +a
Q-13	Silicone DC-QF-1 (FS-1265) (10~250) (50% Trifluoropropyl- methylsilicone)	Low	5	Shimalite W	60~80	AW-DMCS	33,800	Hydrocarbons	
Q-8			5	Chromosorb W	60~80	AW-DMCS	31,000		
Q-8H			5	Chromosorb W	60~80	HP	37,000		
Q-7			2	Shimalite W	80~100	AW-DMCS	33,800		
Q-6			2	Chromosorb G	60~80	AW-DMCS	Please contact us		
Q-14			2	Chromosorb W	60~80	HP	37,000		
Q-3			1.5	Chromosorb W	60~80	AW-DMCS	31,000		
Q-3H			1.5	Chromosorb W	60~80	HP	37,000		
			1-25	Required support					10,000 +a
S-70	Silicone SE-30 (50~300) (Dimethylsilicone Gum)	Non-polar	20	Shimalite W	60~80	AW	30,800	Hydrocarbons	
S-75			15	Chromosorb W	60~80	AW-DMCS	32,000		
S-75H			15	Chromosorb W	60~80	HP	38,000		
S-91			15	Gas Chrom Q	60~80		43,000		
S-71			10	Shimalite W	60~80	AW-DMCS	34,800		
S-39			10	Chromosorb W	60~80	AW-DMCS	32,000		
S-39H			10	Chromosorb W	60~80	HP	38,000		
S-89			10	Gas Chrom Q	60~80		43,000		
S-113			10	Chromosorb W	80~100	HP	38,000		
S-3			5	Shimalite W	60~80	AW-DMCS	34,800		
S-64			5	Chromosorb W	60~80	AW-DMCS	32,000		
S-64H			5	Chromosorb W	60~80	HP	38,000		
S-24			1.5	Chromosorb W	60~80	AW-DMCS	32,000		
S-24H			1.5	Chromosorb W	60~80	HP	38,000		
S-114			1.5	Chromosorb W	80~100	AW-DMCS	32,000		
S-114H	1.5	Chromosorb W	80~100	HP	38,000				
	1-25	Required support				11,000 +a			
S-72	Silicone SE-52 (50~300) (5% Phenylmethylsilicone)	Low	10	Shimalite W	60~80	AW-DMCS	36,800	Hydrocarbons · Steroids	
S-4			5	Shimalite W	60~80	AW	32,800		
S-65			5	Chromosorb W	60~80	AW-DMCS	34,000		
S-65H			5	Chromosorb W	60~80	HP	40,000		
S-25			1.5	Chromosorb W	60~80	AW-DMCS	34,000		
S-25H			1.5	Chromosorb W	60~80	HP	40,000		
	1-25	Required support				13,000 +a			
	Silicone SE-54 (50~300) (1% Vinyl 5% Phenyl- methylsilicone)	Low	1-25	Required support				12,000 +a	Hydrocarbons · Steroids
S-42	Silicone SF-96 (Dimethylsilicone Fluid)	Non-polar	15	Shimalite F	20~80		26,000	Halogen compounds	
S-115			15	Shimalite W	60~80	AW-DMCS	34,800	Hydrocarbons	
S-116			10	Chromosorb W	60~80	AW-DMCS	32,000		
S-116H			10	Chromosorb W	60~80	HP	38,000		
			1-25	Required support				11,000 +a	
X-14	Silicone XF-1150 (10~230) (50% cyanoethyl methyl silicone)	High	5	Shimalite W	60~80	AW-DMCS	52,000	Hydrocarbons	
X-15			5	Chromosorb W	60~80	AW-DMCS	50,000		
X-15H			5	Chromosorb W	60~80	HP	56,000		
X-6			1	Chromosorb W	60~80	AW-DMCS	50,000	Hydrocarbons · Steroids	
X-6H			1	Chromosorb W	60~80	HP	56,000		
			1-10	Required support					29,000 +a
			10 <	Add JPY1,200- per 1% increase in stationary phase					

	Silicone Oil KF-96 (30~250) (Dimethylsilicone Fluid)	Low	1-25	Required support		11,000 +α	
O-57	Silicone OV-1 (50~350) (Dimethylsilicone Gum)	Non-polar	5	Shimalite W	60~80 AW-DMCS	49,800	Hydrocarbons
O-58			5	Shimalite W	80~100 AW-DMCS	49,800	
O-59			5	Chromosorb W	60~80 AW-DMCS	47,000	
O-59H			5	Chromosorb W	60~80 HP	53,000	
O-60			5	Chromosorb W	80~100 AW-DMCS	47,000	
O-60H			5	Chromosorb W	80~100 HP	53,000	
O-19			2	Shimalite W	80~100 AW-DMCS	49,800	Steroids · Alkaloids
O-23			2	Chromosorb W	60~80 AW-DMCS	47,000	
O-23H			2	Chromosorb W	60~80 HP	53,000	
O-23D			2	Chromosorb W	80~100 AW-DMCS	47,000	Chlorinated pesticides · PCB
O-23DH			2	Chromosorb W	80~100 HP	53,000	
SO-23D			1	Shinwasorb-S	80~100	25g 29,800	
O-22			1.5	Chromosorb W	60~80 AW-DMCS	47,000	Steroids · Alkaloids
O-22H			1.5	Chromosorb W	60~80 HP	53,000	
O-22D			1.5	Chromosorb W	80~100 AW-DMCS	47,000	
O-22DH			1.5	Chromosorb W	80~100 HP	53,000	
O-10			1.5	Shimalite W	80~100 AW-DMCS	49,800	
O-18			1	Shimalite W	80~100 AW-DMCS	49,800	Steroids in urine
			1-10	Required support		26,000 +α	
			10 <	Add JPY1,200- per 1% increase in stationary phase			
	Silicone OV-3 (20~350) (10% Phenylmethylsilicone)	Low	1-10	Required support		20,000 +α	Hydrocarbons
			10 <	Add JPY800- per 1% increase in stationary phase			
	Silicone OV-7 (20~350) (20% Phenylmethylsilicone)	Low	1-10	Required support		20,000 +α	Hydrocarbons
			10 <	Add JPY800- per 1% increase in stationary phase			
	Silicone OV-11 (30~350) (35% Phenylmethylsilicone)	Low	1-10	Required support		20,000 +α	Hydrocarbons
			10 <	Add JPY800- per 1% increase in stationary phase			
O-61	Silicone OV-17 (20~340) (50% Phenylmethylsilicone)	Low	10	Shimalite W	60~80 AW-DMCS	41,800	Pharmaceuticals · Hydrocarbons
O-48			10	Chromosorb W	60~80 AW-DMCS	39,000	
O-48H			10	Chromosorb W	60~80 HP	45,000	
O-46			5	Shimalite W	80~100 AW-DMCS	41,800	
O-49			5	Chromosorb W	60~80 AW-DMCS	39,000	
O-49H			5	Chromosorb W	60~80 HP	45,000	
O-26			3	Shimalite W	80~100 AW-DMCS	41,800	Steroids · Alkaloids · Chlorinated pesticides · Hydrocarbons
O-29			2	Chromosorb W	60~80 AW-DMCS	39,000	
O-29H			2	Chromosorb W	60~80 HP	45,000	PCB · Hydrocarbons
O-29D			2	Chromosorb W	80~100 AW-DMCS	39,000	
O-29DH			2	Chromosorb W	80~100 HP	45,000	
SO-29D			1	Shinwasorb-S	80~100	25g 25,800	
O-9			1.5	Shimalite W	80~100 AW-DMCS	41,800	Steroids · Alkaloids · Hydrocarbons
O-28			1.5	Chromosorb W	60~80 AW-DMCS	39,000	
O-28H			1.5	Chromosorb W	60~80 HP	45,000	
O-28D			1.5	Chromosorb W	80~100 AW-DMCS	39,000	
O-28DH			1.5	Chromosorb W	80~100 HP	45,000	
O-24			1	Shimalite W	80~100 AW-DMCS	41,800	
O-53			1	Chromosorb W	80~100 AW-DMCS	39,000	Acetaldehyde-2,4DNPH
O-53H			1	Chromosorb W	80~100 HP	45,000	
			1-10	Required support		18,000 +α	
			10 <	Add JPY800- per 1% increase in stationary phase			
	Silicone OV-22 (20~300) (65% Phenylmethylsilicone)	Low	1-5	Required support		34,000 +α	Hydrocarbons
			5 <	Add JPY800- per 1% increase in stationary phase			
O-33	Silicone OV-25 (20~300) (75% Phenylmethylsilicone)	Low	3	Shimalite W	80~100 AW-DMCS	49,800	Hydrocarbons · Steroids · Alkaloids
O-31			1.5	Shimalite W	80~100 AW-DMCS	49,800	
O-34D			1.5	Chromosorb W	80~100 AW-DMCS	47,000	
O-34DH			1.5	Chromosorb W	80~100 HP	53,000	
			1-10	Required support		26,000 +α	
	10 <	Add JPY1,200- per 1% increase in stationary phase					
	Silicone OV-61 (20~350) (33% Phenylmethylsilicone)	Low	1-5	Required support		34,000 +α	Hydrocarbons
			5 <	Add JPY3,000- per 1% increase in stationary phase			
	Silicone OV-73 (20~325) (5.5% Phenylmethylsilicone Gum)	Low	1-10	Required support		36,000 +α	Hydrocarbons
			10 <	Add JPY1,600- per 1% increase in stationary phase			
O-39	Silicone OV-101 (20~350) (Dimethylsilicone Fluid)	Non-polar	3	Shimalite W	80~100 AW-DMCS	49,800	Hydrocarbons · Steroids · Alkaloids
O-37			1.5	Shimalite W	80~100 AW-DMCS	49,800	
O-40D			1.5	Chromosorb W	80~100 AW-DMCS	47,000	
O-40DH			1.5	Chromosorb W	80~100 HP	53,000	
			1-10	Required support		26,000 +α	
			10 <	Add JPY1,200- per 1% increase in stationary phase			
	Silicone OV-105 (20~270) (Cyanopropylsilicone)	Low	1-5	Required support		34,000 +α	Hydrocarbons
			5 <	Add JPY3,000- per 1% increase in stationary phase			
	Silicone OV-202 (20~250) (Trifluoropropylmethylsilicone)	Low	1-5	Required support		34,000 +α	Hydrocarbons · Steroids · Alkaloids
			5 <	Add JPY3,000- per 1% increase in stationary phase			
O-44	Silicone OV-210 (20~275) (50% Trifluoro-propylmethylsilicone)	Low	2	Shimalite W	80~100 AW-DMCS	49,800	Hydrocarbons · Steroids · Alkaloids
O-50D			1.5	Chromosorb W	80~100 AW-DMCS	47,000	
O-50DH			1.5	Chromosorb W	80~100 HP	53,000	
			1-10	Required support		26,000 +α	
			10 <	Add JPY1,200- per 1% increase in stationary phase			
	Silicone OV-215 (20~250) (Trifluoropropylmethylsilicone-Gum)	Low	1-5	Required support		34,000 +α	Hydrocarbons · Steroids · Alkaloids
			5 <	Add JPY3,000- per 1% increase in stationary phase			

O-45	Silicone OV-225	Low	2	Shimalite W	80~100 AW-DMCS	57,800	Steroids · Alkaloids
O-51D	(20~250)		1.5	Chromosorb W	80~100 AW-DMCS	55,000	Hydrocarbons · Steroids · Alkaloids
O-51DH	(25% Phenyl 25% Cyanopropyl-silicone)		1.5	Chromosorb W	80~100 HP	61,000	
			1-5	Required support		34,000 +a	
			5 <	Add JPY3,000- per 1% increase in stationary phase			
	Silicone OV-235	High	1-5	Required support		42,000 +a	Hydrocarbons
	(50~275)		5 <	Add JPY3,000- per 1% increase in stationary phase			
	Silicone OV-245	High	1-5	Required support		42,000 +a	Hydrocarbons
	(50~275)		5 <	Add JPY3,000- per 1% increase in stationary phase			
	Silicone OV-255	High	1-5	Required support		42,000 +a	Hydrocarbons
	(50~275)		5 <	Add JPY3,000- per 1% increase in stationary phase			
	Silicone OV-265	High	1-5	Required support		42,000 +a	Hydrocarbons
	(50~275)		5 <	Add JPY3,000- per 1% increase in stationary phase			
	Silicone OV-275	High	1-5	Required support		34,000 +a	Hydrocarbons
	(20~275)		5 <	Add JPY3,000- per 1% increase in stationary phase			
	Silicone OV-330	Medium	1-5	Required support		34,000 +a	Hydrocarbons
	(30~250)		5 <	Add JPY3,000- per 1% increase in stationary phase			
	Silicone OV-351	High	1-5	Required support		34,000 +a	Hydrocarbons
	(50~270)		5 <	Add JPY3,000- per 1% increase in stationary phase			
	Silicone OV-1701	Low	1-5	Required support		43,000 +a	Hydrocarbons
	(20~340)		5 <	Add JPY3,000- per 1% increase in stationary phase			
S-119	SM-Pack	High		Shimalite	60~80 NAW	200ml 66,000	LP gas · Freon gas
	(40)						
S-55	Sorbitol	Medium	30	Shimalite	60~80 NAW	27,800	Lower alcohols
	(100~150)		1-30	Required support		11000 +a	
S-84	SP-1200+Bentone34	Low	5+1.75	Chromosorb W	80~100 AW-DMCS	55,000	Styrene monomer
S-84H	(10~175)		5+1.75	Chromosorb W	80~100 HP	61,000	
S-128			5+1.75	Chromosorb W	60~80 AW-DMCS	55,000	
S-128H			5+1.75	Chromosorb W	60~80 HP	61,000	
	Span 40	Low	1-25	Required support		11000 +a	Hydrocarbons
	(20~150)						
	Span 80	Low	1-25	Required support		11000 +a	Hydrocarbons
	(20~150)						
S-20	Squalane	Non-polar	25	Shimalite	60~80 NAW	27,800	Hydrocarbons
S-19	(10~150)		25	Shimalite	80~100 NAW	27,800	
S-121			5	Shimalite W	60~80 AW-DMCS	34,800	
S-53			1	Alumina	" Heated at 600°C	18,800	
			1-25	Required support		11000 +a	
	Squalane	Low	1-25	Required support		11000 +a	Hydrocarbons
	(30~140)						
	Stearic Acid	Medium	1-25	Required support		11000 +a	Hydrocarbons
	(30~140)						
S-129	Sucrose Diacetate	Low	5	Shimalite W	60~80 AW-DMCS	34,800	Fragrance compounds · Refined oils
S-118	Hexaisobutyrate(SAIB)		5	Chromosorb W	60~80 AW-DMCS	32,000	
S-118H	(10~190)		5	Chromosorb W	60~80 HP	38,000	
			1-25	Required support		11,000 +a	
	Sulfolane	High	1-25	Required support		11,000 +a	Hydrocarbons
	(20~110)						

※a: Price of required support

T							
	Tetraethyleneglycol	Medium	1-25	Required support		12,000 +a	Sulfur compounds
	Dimethyl Ether (BMEE)						
	Tetraethylene Pentamine	High	1-25	Required support		11,000 +a	Lower amines
	(0~80)						
T-30	Tetrahydroxyethyl	Medium	15	Shimalite F	20~80	27,000	Alcohols
T-91	Ethylene Diamine(THEED)		10	Shimalite W	60~80 AW-DMCS	35,800	
T-92	(10~180)		10	Chromosorb W	60~80 AW-DMCS	33,000	
T-92H			10	Chromosorb W	60~80 HP	39,000	
			1-25	Required support		12,000 +a	
T-70	Thermon-1000	High	25	Shimalite	80~100 AW-DMCS	55,800	Solvents · Esters · Pharmaceuticals ·
T-63	(50~270)		10	Chromosorb W	80~100 HP	47,000	
T-64	(50~270)		5	Chromosorb W	80~100 AW-DMCS	41,000	Alcohols · Hydrocarbons
T-64H	(50~270)		5	Chromosorb W	80~100 HP	47,000	Solvents in water
T-88	(50~250)		5	Sunpak-A	50~80	50ml 36,000	
			1-10	Required support		20,000 +a	
			10 <	Add JPY800- per 1% increase in stationary phase			
T-67	Thermon-1000+KOH	High	10+3	Chromosorb W	80~100 AW-DMCS	45,000	Alcohols · Higher amines
T-67H	(50~250)		10+3	Chromosorb W	80~100 HP	51,000	
T-86			5+3	Sunpak-A	50~80	50ml 38,000	Lower amines in water
T-87			5+1	Sunpak-A	50~80	50ml 38,000	
T-65	Thermon-1000+H ₃ PO ₄	High	10+1	Chromosorb W	80~100 HP	51,000	Free fatty acids
T-66	(50~250)		5+0.5	Chromosorb W	80~100 AW-DMCS	45,000	
T-66H	(50~230)		5+0.5	Chromosorb W	80~100 HP	51,000	

T-82	Thermon-3000 (50~280)	High	10	Shimalite	80~100 AW-DMCS	50ml	34,900	General solvents · Fragrance compounds · Esters · Pharmaceuticals · Alcohols · Hydrocarbons	
T-81	(50~280)		10	Chromosorb W	80~100 AW-DMCS	50ml	33,500		
T-81H	(50~280)		10	Chromosorb W	80~100 HP	50ml	36,500		
T-79	(50~280)		10	Celite 545	80~100 AS	50ml	32,000		
T-78	(50~280)		5	Shimalite W	80~100 AW-DMCS	50ml	34,900		
T-77	(50~280)		5	Chromosorb W	80~100 AW-DMCS	50ml	33,500		
T-77H	(50~280)		5	Chromosorb W	80~100 HP	50ml	36,500		
ST-77	(50~280)		5	Shinwasorb-S	80~100	25g	39,800		
T-94	(50~280)		5	Shincarbon A	60~80	50ml	59,000		Free fatty acids in water · Lactic acids
T2-94	(50~280)		5	Shincarbon AII	60~80	10g	56,000		
T-75	(50~185)		3	Shimalite TPA	60~80	50ml	49,000	Free fatty acids in water	
T-95	(50~280)		2	Shincarbon A	60~80	50ml	59,000		
T2-95	(50~280)		2	Shincarbon AII	60~80	10g	56,000	Solvents · Fragrance compounds · Esters · Pharmaceuticals · Alcohols · Hydrocarbons	
T-76	(50~280)		2	Chromosorb W	80~100 AW-DMCS	50ml	33,500		
T-76H	(50~280)		2	Chromosorb W	80~100 HP	50ml	36,500		
T-90	(50~210)		2	Shimalite F	40~80	50ml	33,000	Free fatty acids in water	
T-74	(50~185)		1	Shimalite TPA	60~80	50ml	49,000		
				1-10	Required support		50ml	23,000 +a/2	
				10 <	Add JPY2,000- per 1% increase in stationary phase				
T-89	Thermon-3000+KOH (50~250)		High	5+1	Sunpak-A	50~80	50ml	51,000	Lower amines in water
T-68	Thermon-HG	High	10	Chromosorb W	80~100 AW-DMCS	50ml	36,500	Alkyl mercury compounds	
T-68H	(60~170)		10	Chromosorb W	80~100 HP	50ml	39,500		
ST-68			5	Shinwasorb-U	60~80	25g	36,600		
			1-10	Required support		50ml	26,000 +a/2		
	β,β' -Thiodipropionitrile (TDPN) (20~90)	High	1-25	Required support			11,000 +a	Hydrocarbons	
	Tri-N-butylphosphate (TBP) (0~50)	Low	1-25	Required support			11,000 +a	Hydrocarbons	
	Tributyrine (0~100)	Medium	1-25	Required support			11,000 +a	Hydrocarbons	
T-17	Tricresylphosphate (TCP)	Medium	25	Shimalite	60~80 NAW		27,800	Hydrocarbons · Phosphorus compounds	
T-18	(0~125)		25	Shimalite	80~100 NAW		27,800		
T-108			20	Chromosorb W	60~80 AW-DMCS		32,000		
T-108H			20	Chromosorb W	60~80 HP		38,000		
T-109			10	Shimalite W	60~80 AW-DMCS		34,800		
T-110			10	Chromosorb W	60~80 AW-DMCS		32,000		
T-110H			10	Chromosorb W	60~80 HP		38,000		
			1~25	Required support			11,000 +a		
T-34	TCP+H ₃ PO ₄ (0~125)	Medium	10+2	Chromosorb W	60~80 AW		29,000	Cresols · Phenols	
T-19	Triethanolamine (TEA)	High	25	Shimalite	60~80 NAW		27,800	Lower amines	
T-111	(20~100)		20	Chromosorb W	60~80 AW-DMCS		32,000		
T-111H			20	Chromosorb W	60~80 HP		38,000		
				1~25	Required support			11,000 +a	
	Triisobutylene (TIB) (~10~120)	Low	1-25	Required support			11,000 +a	Hydrocarbons	
T-48	1,2,3-Tris [2-Cyanoethoxy]	High	25	Shimalite	80~100 AW-DMCS-ST*		59,800	Methyl mercaptan · Monosulfite-based sulfur compounds	
ST-48	Propane(TCEP)		25	Shinwasorb-S	80~100 ST*	25g	34,800		
T-2	(10~150)		25	Shimalite	80~100 NAW		48,800	Hydrocarbons	
T-1			20	Shimalite	60~80 NAW		44,800		
				1-10	Required support			20,000 +a	
			10 <	Add JPY800- per 1% increase in stationary phase					
	Triton X-100 (20~190)	High	1-25	Required support			11,000 +a	Alcohols · Higher amines	
	TritonX-305 (20~230)	High	1-25	Required support			11,000 +a	Alcohols · Higher amines	
	Trixylenylphosphate(TXP) (20~150)	Low	1-25	Required support			11,000 +a	Phosphorus compounds	
T-49	TXP+H ₃ PO ₄	Low	10+0.5	Chromosorb W	60~80 AW-DMCS		36,000	Cresols	
T-49H	(20~150)		10+0.5	Chromosorb W	60~80 HP		42,000		
T-73	TSR-1 (50~150)	Medium	10	Shimalite F	40~60	50ml	38,000	Formaldehyde	
			1~25	Required support		50ml	23,000 +a		
T-96	TSG-1	High	15	Shincarbon A	60~80	50ml	55,000	Formaldehyde	
T2-96	(50~230)		15	Shincarbon AII	60~80	10g	52,000	Organic acids	
				1~25	Required support			19,000 +a	
T-42	Tween 60	Medium	20	Shimalite	60~80 AW		28,800	Esters · Ketones	
T-60	(10~100)		15	Chromosorb W	60~80 AW		25,000		
				1-25	Required support				11,000 +a
T-22	Tween 80	Medium	20	Shimalite	60~80 AW		28,800	Esters · Ketones	
T-61	(10~150)		15	Chromosorb W	60~80 AW		25,000		
T-23			5	Shimalite W	60~80 AW		30,800		
T-62			"	Chromosorb W	60~80 AW		25,000		
				1-25	Required support				11,000 +a

※a: Price of required support

※AW-DMCS-ST and HP-ST : Special treatment for analyses of sulfur compounds.

U							
U-10	Ucon 50-HB-280X (10~190)	High	25	Shimalite	60~80 NAW	27,800	Hydrocarbons · Esters · Ketones
U-23			20	Chromosorb W	60~80 AW-DMCS	32,000	
U-23H			20	Chromosorb W	60~80 HP	38,000	
U-24			5	Shimalite W	60~80 AW-DMCS	34,800	
U-25			5	Chromosorb W	60~80 AW-DMCS	32,000	
U-25H			5	Chromosorb W	60~80 HP	38,000	
			1-25	Required support		11,000 +a	
U-12	Ucon 50-HB-2000 (10~190)	High	20	Shimalite	60~80 NAW	27,800	Hydrocarbons · Esters · Ketones
U-26			15	Chromosorb W	60~80 AW-DMCS	32,000	
U-26H			15	Chromosorb W	60~80 HP	38,000	
			1-25	Required support		11,000 +a	
U-27	Ucon 50-HB-5100 (10~190)	High	10	Shimalite W	60~80 AW-DMCS	34,800	Hydrocarbons · Esters · Ketones
U-28			10	Chromosorb W	60~80 AW-DMCS	32,000	
U-28H			10	Chromosorb W	60~80 HP	38,000	
U-29			5	Chromosorb W	60~80 AW-DMCS	32,000	
U-29H			5	Chromosorb W	60~80 HP	38,000	
			1-25	Required support		11,000 +a	
	Ucon 75-HB-90000 (10~190)	High	1-25	Required support		11,000 +a	Hydrocarbons · Esters · Ketones
U-37	Ucon LB-550X (10~190)	Low	25	Chromosorb W	60~80 AW-DMCS	32,000	Hydrocarbons · Esters · Ketones
U-37H			25	Chromosorb W	60~80 HP	38,000	Vinyl chloride monomer
U-2			20	Chromosorb W	80~100 AW	25,000	Hydrocarbons · Esters · Ketones
U-30			10	Shimalite W	60~80 AW-DMCS	34,800	
U-31			10	Chromosorb W	60~80 AW-DMCS	32,000	
U-31H			10	Chromosorb W	60~80 HP	38,000	
SU-31			10	Shinwasorb-U	80~100	25g 20,300	
U-32			5	Shimalite W	60~80 AW-DMCS	34,800	
U-33			5	Chromosorb W	60~80 AW-DMCS	32,000	
U-33H			5	Chromosorb W	60~80 HP	38,000	
			1-25	Required support		11,000 +a	

※a: Price of required support

V							
V-10	Versamid 900 (185~275)	Medium	15	Shimalite W	60~80 AW-DMCS	34,800	Hydrocarbons
V-11			10	Chromosorb W	60~80 AW-DMCS	32,000	
V-11H			10	Chromosorb W	60~80 HP	38,000	
V-8			5	Shimalite W	60~80 AW	30,800	
V-12			5	Shimalite W	60~80 AW-DMCS	34,800	
V-13			5	Chromosorb W	60~80 AW-DMCS	32,000	
V-13H			5	Chromosorb W	60~80 HP	38,000	
			1-25	Required support		11,000 +a	

※a: Price of required support