



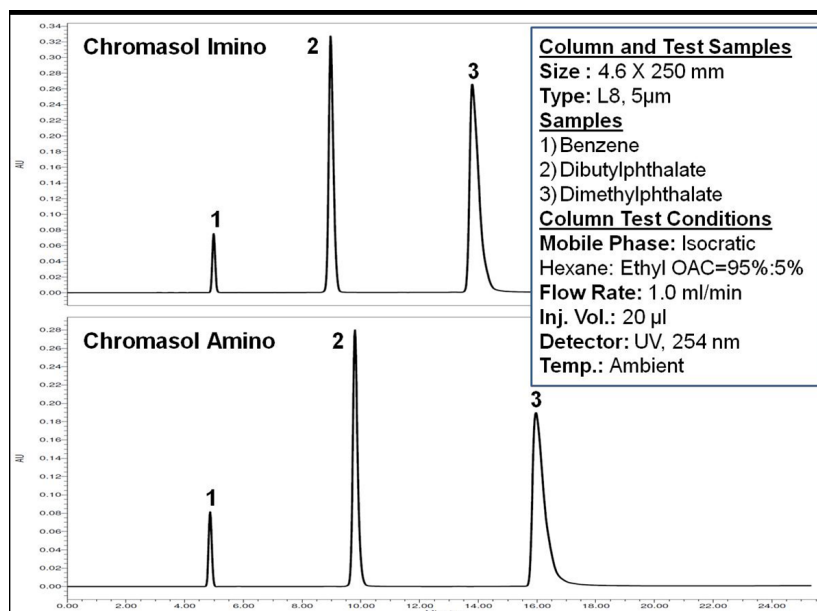
CHROMASOL AMINO & CHROMASOL IMINO SPECIALTY COLUMNS

Columns with amino group bound to silica by C3 alkyl chain are widely used. Compared to this conventional column, Chromasol Amino and Imino columns are unique, extremely versatile in the type of p-,s and t-amino groups bound to silica. Chromasol Amino column has p- and s-amine in C5 alkyl chain. Whereas Chromasol Imino column is based on the covalently bonded polymeric phase with p-, s- and t-amine groups. Both these columns deliver special properties compared to the conventional aminopropyl silane column. They are exotic for strong basic compound separation and features shorter retention times, outstanding peak shape, better selectivity, higher ion exchange capacity compared to the conventional aminopropyl silane column. The aryl amines will have better resolution with these specialty media columns than the regular aminopropyl silane media based column.

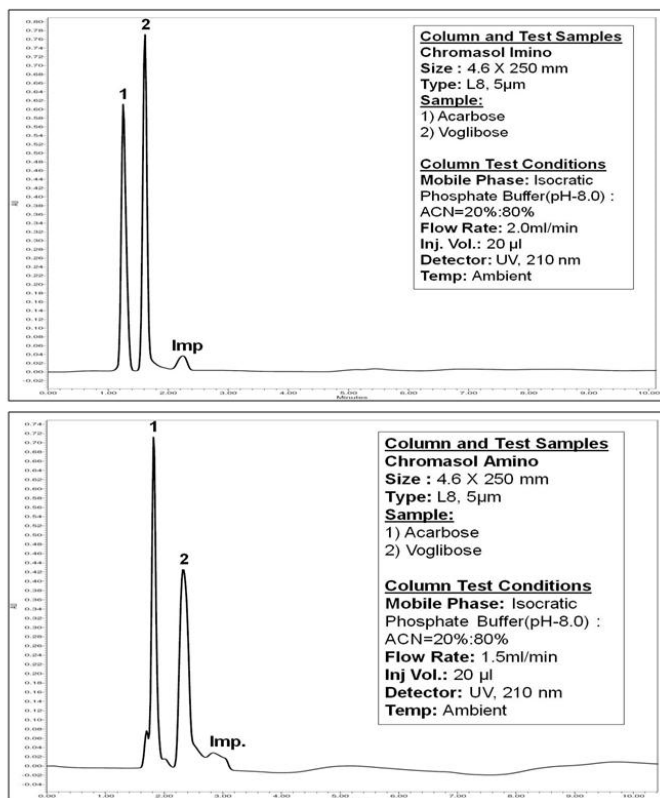
Column	C, wt %	N, wt %	pH	Ion Exchange Capacity, (mmol/g)
Conventional	4.9	1.5	10.0	0.9
Chromasol Amino	5.2	2.3	10.9	1.4
Chromasol Imino	9.7	3.8	9.2	2.1

Applications with these different unique phases and hardware sizes offer greater choice for better polar selectivity and also serve as a anion exchanger of the basic compounds under reversed phase, normal phase, ion-exchange, or HILIC conditions.

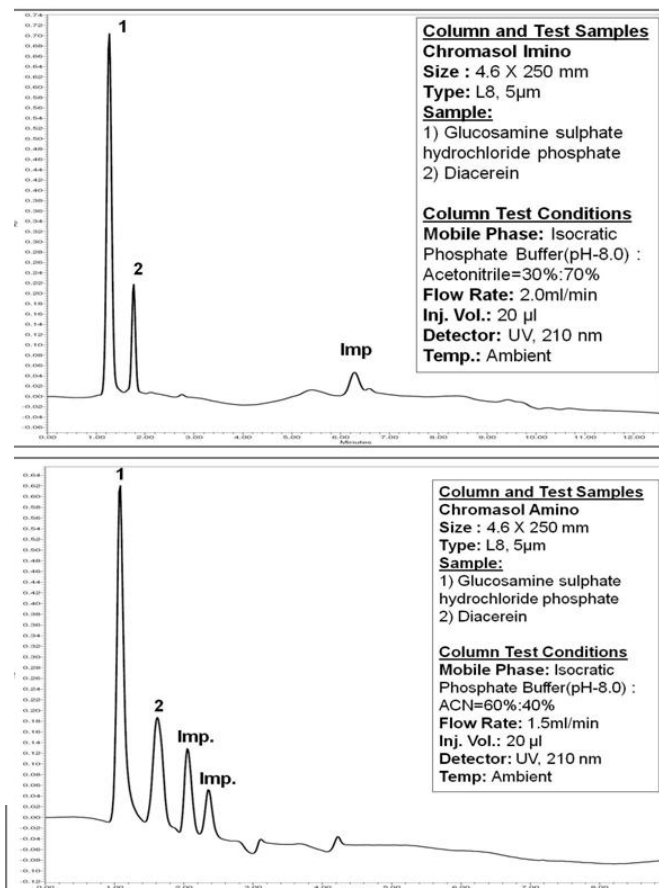
ESTERS



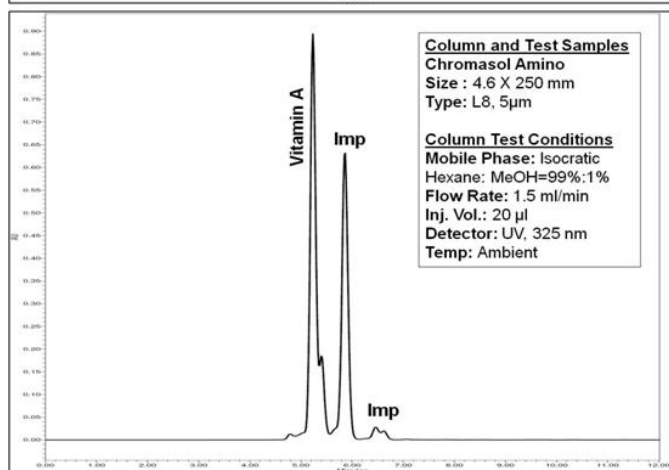
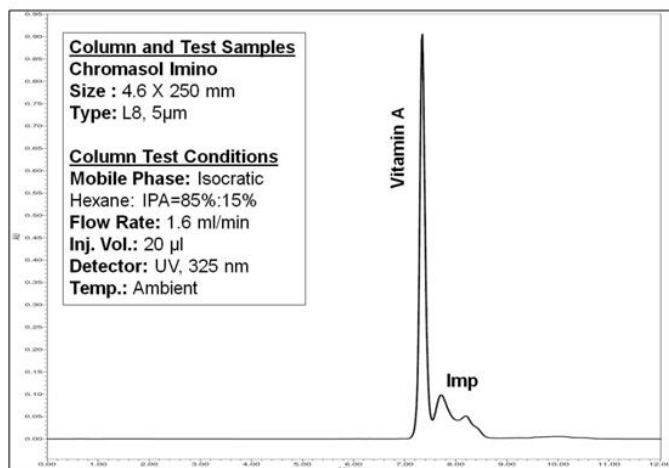
OLIGOSACCHARIDES: VOGLIBOSE & ACARBOSE



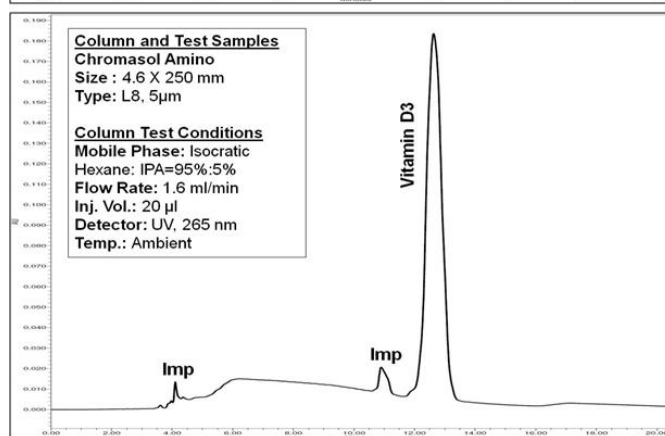
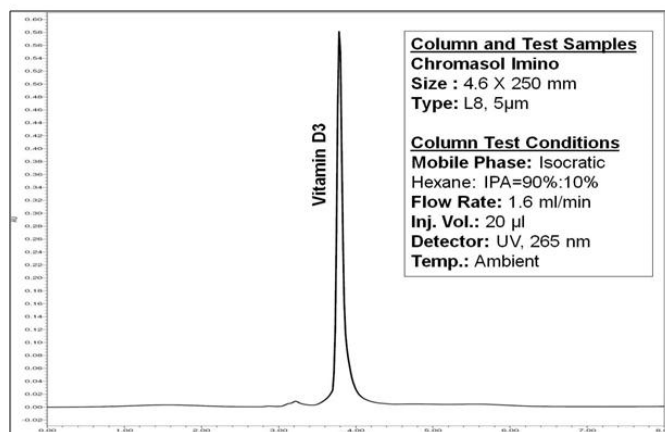
GLUCOSAMINE



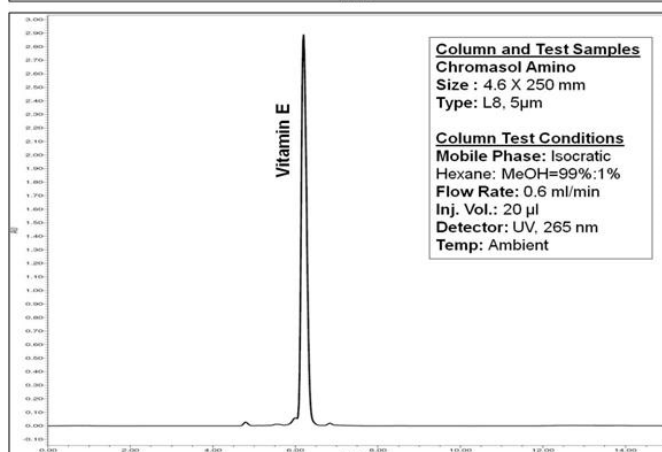
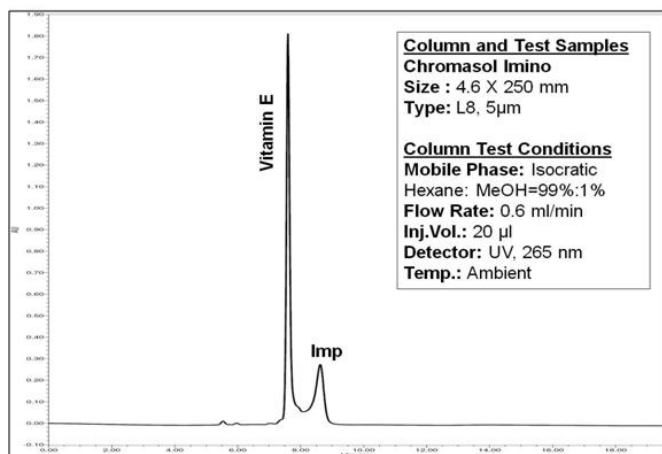
VITAMIN A



VITAMIN D3



VITAMIN E



Ordering Information

A performance validation report will be furnished with every column ordered.

Brand	Bonded Phases	Particle size, μ	Pore Size, Å	Column Size, mm	PN
Chromasol Amino	Amino	5	100	3.9 x 300	ICAM5100-3930
				3.9 x 150	ICAM5100-3915
				4.0 x 300	ICAM5100-4030
				4.0 x 250	ICAM5100-4025
				4.0 x 150	ICAM5100-4015
				4.0 x 125	ICAM5100-4012.5
				4.0 x 100	ICAM5100-4010
				4.6 x 250	ICAM5100-4625
				4.6 x 200	ICAM5100-4620
				4.6 x 150	ICAM5100-4615
				4.6 x 125	ICAM5100-4612.5
				4.6 x 100	ICAM5100-4610
				10.0 x 250	ICAM5100-10025
				21.2 x 250	ICAM5100-21225
				21.2 x 150	ICAM5100-21215
				21.2 x 100	ICAM5100-21210
Chromasol Imino	Imino	5	100	3.9 x 300	ICIM5100-3930
				3.9 x 150	ICIM5100-3915
				4.0 x 300	ICIM5100-4030
				4.0 x 250	ICIM5100-4025
				4.0 x 150	ICIM5100-4015
				4.0 x 125	ICIM5100-4012.5
				4.0 x 100	ICIM5100-4010
				4.6 x 250	ICIM5100-4625
				4.6 x 200	ICIM5100-4620
				4.6 x 150	ICIM5100-4615
				4.6 x 125	ICIM5100-4612.5
				4.6 x 100	ICIM5100-4610
				10.0 x 250	ICIM5100-10025
				21.2 x 250	ICIM5100-21225
				21.2 x 150	ICIM5100-21215
				21.2 x 100	ICIM5100-21210