

WINLAB PTY LTD

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Email: info@winlab.com.au www.winlab.com.au**Chiral Phases at Winlab**

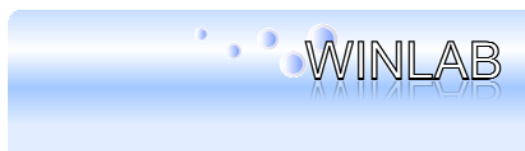
Phase	Manufacture	Chiral Type	Chiral Selector	Particle size (um)	Features
CHIRA-chrom-1	Hichrom	Brush	D-Phenylglycine	5	High efficiency and capacity. Low Cost
CHIRA-chrom-2			L-Phenylglycine		
CHIRAL-AGP			L-Leucine		
CHIRAL-CBH	Chrom Tech	Protein	α 1-acid glycoprotein	5	Widely used pH variation useful tool
CHIRAL-HSA		Enzyme	Cellobiohydrolase		
CHIRALCEL OD		Protein	Human Serum Albumin		
CHIRALCEL OJ	Daicel	Cellulose	Cellulose derivative	5, 10, 20	Unique separation applications. Most versatile
CHIRALPAK AD		Amylose	Amylose derivative		
CHIRALPAK AS		Amylose	Immobilized amylose derivative	5	Broad application range
CHIRALPAK IA		Cellulose	Immobilized cellulose derivative	5	
CHIRALPAK IB		Crown ether	18-crown-6 type crown ether	5	Suitable for amino acids and primary amines
CROWNPAK		RStech	Crown ether	(18-crown-6)-tetracarboxylic acid	5, 10
Chirosil	Astec 1	Macrocylic glycopeptide	Ristocetin A	5	Broad selectivity
Chirobiotic R			Teicoplanin		
Chirobiotic T			Vancomycin		
Chirobiotic V		Cyclodextrin	β -Cyclodextrin	5	Forms inclusion complexes
Cyclobond I			γ -Cyclodextrin		
Cyclobond II	Eka Chemicals	Network polymer	Acylated N,N' -diallyl-L-tartardiamide	5, 10	High stability and capacity. Suitable for preparative applications
Kromasil DMB					
Kromasil TBB	Macherey-Nagel	Cyclodextrin	β -Cyclodextrin	5	Reversed-phase applications
Nucleodex β -OH			Permethylated α -, β -and γ -cyclodextrins respectively		
Nucleodex α -PM		Ligand exchange	L-Hydroxyproline-Cu ²⁺ complex	5	α -Amino acids typical example
Nucleodex β -PM					
Nucleodex γ -PM		Protein	Bovine Serum Albumen	7	Early generation
Nucleosil Chiral-1					
Resolvosil BSA-7PX	Shinwa. Chem. Ind.	Protein	Ovumucoid	5	Stable Phase
Ultron ES-OVM			Pepsin		
Ultron ES-Pepsin					
DACH-DNB					

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Phase	Manufacture	Chiral Type	Chiral Selector	Particle size (um)	Features
ULMO	Regis	Brush	3.5 Dinitrobenzoyl derivatives	5	π -electron acceptor/donor Widely used
Whelk-01/Whelk-02					π -electron acceptor
α -Burke 2					
β -GEM 1					
Leucine					
Phenylglycine					
Pirkle-1J		β -lactase	π -electron donor		
Napthylleucine		L-Napthylleucine			
Davankov		Ligand exchange			-

**For complete Product Description, Chromatograms
Price & Delivery in Australia & New Zealand contact
info@winlab.com.au or call 61 7 3205 5233**