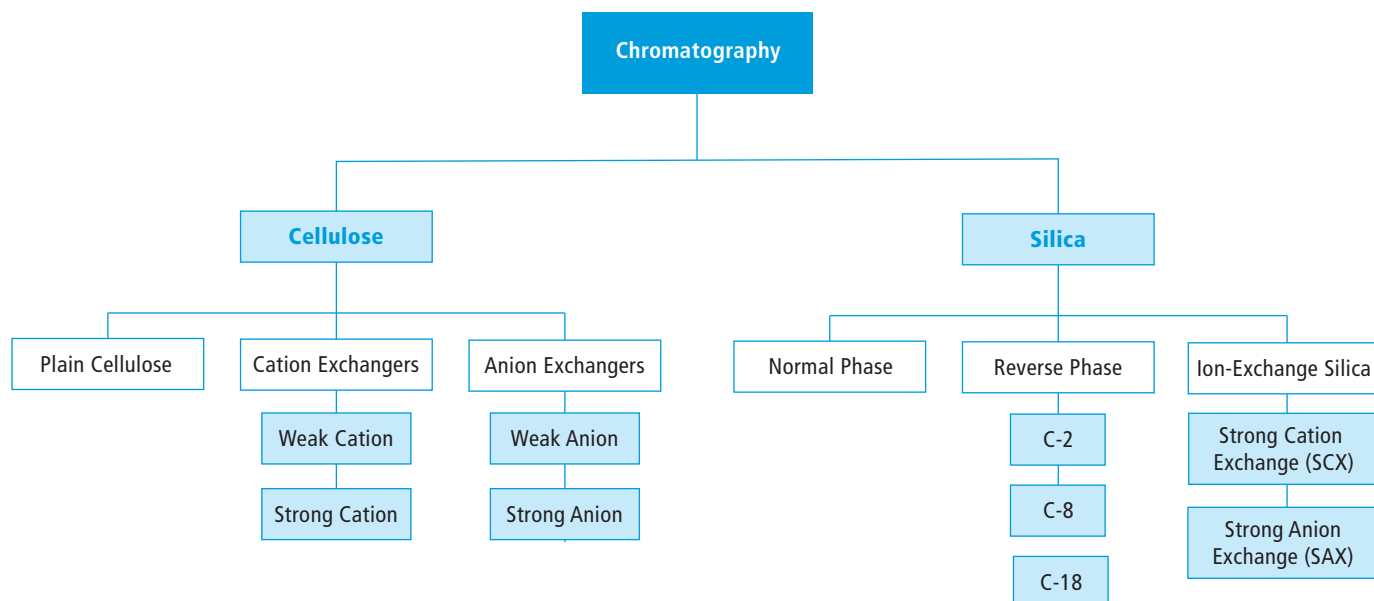


## Overview of Chromatography Products

		Process/Sample Preparation Scale	Thin Layer Chromatography (TLC)	High Performance Liquid Chromatography (HPLC)
<b>Silica</b>				
<b>Normal Phase</b>	Silica Gel		Yes	Yes
	Low Pressure Silica Gel—LPS 1 13–24 µm	Yes		
	Low Pressure Silica Gel—LPS 2 37–53 µm	Yes		
	Diamond		Yes	
	HPTLC		Yes	
	Partisil 5 µm			Yes
	Partisil 10 µm			Yes
	PartiSphere 5 µm			Yes
	Silica 60Å–38 to 63 µm	Yes		
	Silica 60Å–63 to 212 µm	Yes		
<b>Reversed Phase</b>	Bonded Silica Gel—LPS 2 37–53 µm	Yes		
	C-18		Yes	
	C-8		Yes	
	C-2		Yes	
	Di-phenyl		Yes	
	Dual Phase		Yes	
	Partisil ODS-3 10.5% Carbon 5 µm			Yes
	Partisil ODS-3 10.5% Carbon 10 µm			Yes
	Partisil ODS 5% Carbon 10 µm			Yes
	Partisil ODS-2 16% Carbon 10 µm			Yes
	Partisil C-8 8.5% Carbon 5 µm			Yes
	Partisil C-8 8.5% Carbon 10 µm			Yes
	PartiSphere C-18 10.5% Carbon 5 µm			Yes
	PartiSphere C-18 16% Carbon 5 µm			Yes
	PartiSphere C-8 8.5% Carbon 5 µm			Yes
	PartiSphere RTF C-18 22% Carbon 5 µm			Yes
	PartiSphere RTF C-8 16 % Carbon 5 µm			Yes
	PartiSphere RTF Phenyl 22% Carbon 5 µm			Yes
	PartiSphere RTF Cyano 16% Carbon 5 µm			Yes
	<b>Ion-Exchange—Flexible</b>		Yes	Yes
	Partisil/Polar Amino-Cyano (PAC)/5 µm			Yes
	Partisil/PAC/10 µm			Yes
	Partisil/Strong Anion-Exch (SAX)/10 µm			Yes
	Partisil/Strong Cation-Exch (SCX)/10 µm			Yes
	PartiSphere/PAC/5 µm			Yes
	PartiSphere/SAX			Yes
	PartiSphere/SCX			Yes
	PartiSphere/Weak Anion-Exch (WAX)			Yes
	PartiSphere/Weak Cation-Exch (WCX)			Yes

		Process/Sample Preparation Scale	Thin Layer Chromatography (TLC)	High Performance Liquid Chromatography (HPLC)
Cellulose	Plain Microcrystalline	Yes	Yes	No
	Plain Fibrous	Yes		
	Plain Cell Debris Remover	Yes		
	Anion Exchange/Weak Anion/Pre-Swollen/Microgranular–Diethyl Amino Ethyl (DEAE)	Yes		No
	Anion Exchange/Weak Anion/Dry/Microgranular–DEAE	Yes		
	Anion Exchange/Weak Anion/Dry/Fibrous–DEAE	Yes		
	Anion Exchange/Weak Anion/Express Ion–DEAE	Yes		
	Anion Exchange/Strong Anion/Pre-Swollen/Microgranular/Quart. Amine (QA)	Yes		
	Anion Exchange/Strong Anion/Express Ion/QA	Yes		
	Cation Exchange/Weak Cation/Pre-swollen/Microgranular/Carboxyl Methyl (CM)	Yes		No
	Cation Exchange/Weak Cation/Dry/Microgranular/CM	Yes		
	Cation Exchange/Weak Cation/Dry/Fibrous/CM	Yes		
	Cation Exchange/Weak Cation/Express Ion/CM	Yes		
	Cation Exchange/Strong Anion/Pre-Swollen/Microgranular/Sulfoxy Ethyl (SE)	Yes		
	Cation Exchange/Strong Anion/Express Ion/SE	Yes		
	Cation Exchange/Strong/Weak Cation/Dry/Fibrous/Orthophosphate (P)	Yes		

## Chromatography Quick Pick Reference Chart



### Made into

- Packed columns—for HPLC
- Encapsulated into: 96 well plates, encapsulated devices
- TLC plates and flexible sheets
- Fibrous and granular powder media—in small and bulk packages

### Applications

- Process/preparation scale: process purification applications into pharmaceutical production, e.g., protein purification—separation and purification of enzymes, fractionation of proteins
- High performance liquid chromatography (HPLC) qualitative and quantitative constituent chemical analysis in various lab applications
- Thin Layer Chromatography lab tool for analytical work for chemical, pharmaceutical, and environmental R&D and QC/QA labs