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Table 2.1 Principal separation m	ethods used in purification of enzymes	
Property	Method	Scale
Size or mass	Centrifugation	Large or smal
	Gel filtration	Generally sma
	Dialysis; ultrafiltration	Generally sma
Polarity		
(a) Charge	Ion-exchange chromatography	Large or smal
	Chromatofocusing	Generally sma
	Electrophoresis	Generally sma
	Isoelectric focusing	Generally sma
(b) Hydrophobic character	Hydrophobic chromatography	Generally sma
Solubility	Change in pH	Generally larg
	Change in ionic strength	Large or smal
	Decrease in dielectric constant	Generally larg
Specific binding sites or	Affinity chromatography	Generally sma
structural features	Immobilized metal ion chromatography	Generally sma
	Affinity elution	Large or smal
	Dye-ligand chromatography	Large or smal
	Immunoadsorption	Generally sma
	Covalent chromatography	Generally sma









































