

Pharmaceutical Use	Resin Type	Purolite Product
Alkaloids	weak acid cation, microporous	C104
Antacid	weak base anion, acrylic	A830EMR
Beta-2-microglobulin & middle molecular-weight species	adsorbent resin	D3946
Calcium Polystyrene Sulfonate K ⁺ control	strong acid cation, Ca salt	C100CaMR
Carrier for analgesics, anti-inflammatories	strong base anion, styrenic	A430MR
Carrier for Anti-Inflammatories	strong base anion, styrenic	A430MR
Cholestyramine, cholesterol reduction	strong base anion, styrenic	A430MR
Chromatographic separations	chromatographic resin	Chromalite Products
Citric Acid Dimineralization	weak base anion macroporous	A149S
Clinical studies-trials	solid phase extraction	PuroSep™
Codeine, controlled release	strong acid hydrogen cation, powdered	C100HMR
Dichlorphenac, controlled release	cholestyramine	A430MR
Disinfection of water	strong base anion, I ₂ release	A605
Drug carrier	weak acid cation, fine beads	C108DR
Dextromethorphan, controlled release	strong acid hydrogen cation, powdered	C100HMR
Environmental monitoring	solid phase extraction	PuroSep™
Enzyme extration/purification	weak acid cation	C106
Enzyme Immobilisation	strong base anion, very porous	A500P
Enzyme Immobilisation	strong base anion, very porous	A500P
Fibersol Decolorization	strong base anion macroporous	A860
Fibersol Fractionation	chromatographic resin	PCR642K
Gelatine Demineralization	weak base anion macroporous	A103
Glucose Polishing	Macronet adsorbent	MN150, MN250
Group-II metals -- e.g., calcium	imino-bis(methylenephosphonic) chelating	S940 / S950
High selectivity for Fe	phosphonic-sulfonic chelating resin	S957

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Hygienic devices	strong base anion, I ₂ release	A605
Iodine removal	strong base anion resin	A606
Iodine scavenging	strong base anion	A560
Lactic Acid Decolorization	Macronet adsorbent	MN102
Lactoferrin isolation	Weak acid cation, H ⁺ form	C115EC
Lysine production	strong acid cation	C100
Lysine production	weak acid cation, microporous	C105
Lysozyme isolation	weak acid cation, high porosity	C106EP
Metals, analogous to EDTA	imino-diacetate chelating resin	S930
Na Polystyrene Sulfonate	strong acid cation, Na salt	C100MR
Nicotine delivery-carrier	weak acid cation, H ⁺ form	C115HMR
Norephedrine, controlled release	strong acid hydrogen cation, powdered	C100HMR
Noscapine, controlled release	strong acid hydrogen cation, powdered	C100HMR
Oxidizing resin	strong base anion	A560
Particular metal selectivities	amidoxime	S910
Peptide purification	weak base anion, high porosity	A108
Pesticide Removal	Macronet adsorbent	MN200
Phosphate reduction, kidney treatment	guanidine resin	D3074
Plasma treatment	Macronet adsorbent	MN250MR
Polacrilin Potassium, tablet disintegrant	weak acid cation, K salt	C115KMR
Removal of blood contaminants	Macronet adsorbent	MN200DR
Residual Pharmaceutical Removal from Water	Macronet adsorbent	Macronet Product Line
Sodium Polystyrene Sulphonate	strong acid cation, Na salt	C100NaMR
Streptomycin	weak acid cation, microporous	C104
Streptomycin production	weak acid cation, H ⁺ form	C115HMR
Tartaric acid purification	weak base cation macroporous	A100
Taste masking, bitter alkaloids	weak acid cation	C102DR
Threonine Fractionation	chromatographic resin	PCR631Na
Toxic metals -- e.g. mercury	isothiuronium chelating resin	S920
Very high selectivity for Fe, Mn, etc.	methylene diphosphonic chelating resin	S955
Xylitol Purification	strong base anion, very porous	A500P

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