

## Cholestyramine Resin USP/ EP

Active Pharmaceutical Ingredient

### Principal Application:

- Cholesterol reduction
- Control release of Diclofenac Potassium
- Taste masking of bitter drugs

### Packaging:

20kg, 40kg, and 60 kg Fibre Drum

### Documents Available:

CEP, DMF

Typical Physical & Chemical Characteristics	
Physical Form	White to buff Powder
Matrix	Styrenic
Functional Group	-N(CH <sub>3</sub> ) <sub>3</sub> -
Ionic Form	Cl <sup>-</sup>
Appearance	White to buff white fine powder, free from foreign particles
Solubility	Practically insoluble in water and in ethanol (96%)
Identification	
IR Spectrum	Concordant with the reference spectrum of Cholestyramine resin USP
pH (of 1% slurry)	4.0 to 6.0
Loss of Drying	Not more than 12% w/w
Particle size (HIS)	Retrain over #100 BSS - NMT 1% #200 BSS - NMT 30%
Residue on Ignition	Not more than 0.1%
Heavy Metals	Not more than 0.002%
Organic volatile impurities	Meets the requirement
Dichloromethane	Not more than 600 ppm
Chloroform	Not more than 60 ppm
Trichloroethane	Not more than 80 ppm
1,4-Dioxane	Not more than 380 ppm
Dialyzable Quaternary Amines	Not more than 0.05% as Benzyltrimethyleammonium Chloride
Chloride Content	NLT 13.0% and NMT 17.0% of Cl calculated on dry basis
Exchange Capacity	Each gram exchanges NLT 1.8 gm and NMT 2.2 gm of Sodium Glycocholate, calculated on dry basis



## Full Range of Pharmaceutical Polymers

Speciality Polymers	Active Pharmaceutical Ingredients	Ready Mix & Ready to Use
<b>P-520</b> (Vitamin C Purification)	<b>P-548</b> (Calcium Polystyrene Sulfonate BP/ JP)	<b>P-542 AB (R)</b>
<b>P-535</b> (Separation of Aminoacids, Enzymes & Alkloids)	<b>P-504</b> (Sodium Polystyrene Sulfonate USP/ EP)	Azithromycin Taste Masked (7.5%)
<b>P-545 8X</b> (Dextromethorphan Polistirex Manufacturing)	<b>P-550</b> (Cholestyramine Resin USP / EP)	

Taste Masking	Tablet Disintegration	Control / Sustained Release
<b>P-551</b> (Polacrilex Resin USP)	<b>P-544 DS</b> (Polacrillin Potassium USP)	<b>P-504</b> (Sodium Polystyrene Sulfonate)
<b>P-514</b> (Methacrylic Acid Polymer with Divinyl Benzene & Acrylic Acid)	<b>P-544 D</b> (Polacrillin Potassium USP)	<b>P-550</b> (Cholestyramine)
<b>P-542</b> (Methacrylic Acid Polymer with Divinyl Benzene & Acrylic Acid)	<b>P-544 DB</b> (Polacrillin Potassium)	
<b>P-542 AB</b> (Methacrylic Acid Polymer with Divinyl Benzene & Acrylic Acid)		
<b>P-542 CP</b> (Methacrylic Acid Polymer with Divinyl Benzene & Acrylic Acid)		
<b>P-542 D</b> (Methacrylic Acid Polymer with Divinyl Benzene & Acrylic Acid)		
<b>P-544 R</b> (Methacrylic co-Polymer with divinyl benzene)		
<b>P-544 DS Cipro</b> (Potassium Salt of Weak Acid Cation Resin)		
<b>P-544 C</b> (Methacrylic acid Polymer with Divinyl Benzene and Acrylic acid, Potassium Salt)		



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