

# PRODUCT DOCKET

doshion®

**API AND EXCIPIENTS  
FOR EFFECTIVE FORMULATIONS**



Product Name	Technical Name	Physical Form	Matrix	Application
P-550	Cholestyramine Resin USP/ EP	White Powder	Styrenic	Cholesterol Reduction
P-548	Calcium Polystyrene Sulfonate BP/ JP	Cream to Light Brown Powder	Styrenic	Treatment of Hyperkalemia (Potassium Reduction)
P-504	Sodium Polystyrene Sulfonate USP/ EP	Brown Powder	Styrenic	



#### Doshion P-550 (Cholestyramine Resin USP/ EP)

Doshion P-550 is ideal as an easy to handle and efficient to manufacture sachet formulation.

It is a premium API designed to effectively lower cholesterol levels with minimal side effects. It binds bile acids in the gastrointestinal tract, helping to naturally reduce cholesterol. With exceptional chemical stability, optimized particle size, and high exchange capacity, Doshion P-550 delivers consistent performance while meeting stringent USP and EP standards.

#### Doshion P-548 (Calcium Polystyrene Sulfonate) BP/ JP & Doshion P-504 (Sodium Polystyrene Sulfonate) USP/ EP

Doshion P-548 and Doshion P-504 are designed for patients with kidney-related conditions such as hyperkalemia. These high-quality APIs effectively reduce excess potassium levels in the body through targeted action, binding and removing potassium from the gastrointestinal tract. Both products meet stringent BP/JP and USP/EP standards respectively, ensuring consistent performance and reliability.

With customizable particle sizes, excellent stability, enhanced taste profiles, and versatility for suspension and sachet formulations, these APIs provide formulators with a reliable solution to deliver high-quality therapy with an easy to manufacture product.



### Sustained Release Excipients for Suspensions and Dry Syrups

Sustained release is becoming more important than ever for improving patient compliance, particularly in pediatric and geriatric populations, as it reduces the frequency of dosing while delivering steady and predictable therapeutic outcomes. Doshion's new unique range of resins provide a reliable and innovative platform to meet these requirements, empowering manufacturers to develop next-generation formulations with enhanced patient convenience and efficacy.

Doshion's unique resins are engineered to enable sustained release in dry syrups and suspension formulations, providing a controlled and gradual delivery of dosage for longer periods of time.

Product Name	Technical Name	Physical Form	Matrix	Application
P-551	Polacrilex Resin USP	White Powder	Methacrylic	Manufacturing of Nicotine PolacriliX (Nicotine Chewing-gums) & Stabilization of Vitamin B12
P-550	Cholestyramine Resin USP	White Powder	Styrenic	Sustained Release of Diclofenac Potassium
P 545-8X	Sodium Polistirex	Light Brown Powder	Styrenic	Sustained Release of Dextromethorphan HBr, Pseudoephedrine HCl, etc.

## Excipients for Tablet Disintegration and Improved Dissolution



Accurate dissolution and release profiles are becoming increasingly important as regulatory authorities enforce stricter compliance with pharmacopoeial standards.

Doshion P-544 DS is a USP grade excipient specifically designed to help manufacturers achieve these requirements. It supports quicker disintegration of tablets to achieve accurate dissolution profiles. Its superior stability and performance at lower ratios make it a trusted choice for creating reliable and high-quality pharmaceutical formulations and lower costs.

Product Name	Technical Name	Physical Form	Matrix	Application
P-544 DS	Polacrillin Potassium USP	White Powder	Methacrylic	Tablet Disintegration for most formulations
P-544 D	Polacrillin Potassium USP	White Powder	Methacrylic	Super Disintegration for select formulations

## Taste Masking Excipients for Suspensions, Dry Syrups and Gummies

Doshion's Taste Masking Range of excipients is designed to effectively mask bitterness in a wide range of formulations, including dry syrups, suspensions, and gummies. These innovative excipients ensure patient-friendly products, particularly for pediatric and geriatric applications where palatability is critical for compliance. Doshion's excipients provide superior taste masking at low ratios without compromising the bioavailability or efficacy of active ingredients.

This versatile range is easy to integrate into various formulations, offering excellent stability, customization of pH range of endformulation, consistency, and compatibility with a wide spectrum of APIs. With 100+ ready made protocols, in both wet process and dry mix process, formulating with Doshion's Taste Masking Excipients is now easier than ever.

Product Name	Formulations which can be Taste Masked	
P 514	<ul style="list-style-type: none"> <li>• Fluxerine Hydrochloride</li> <li>• Ofloxacin and Combinations</li> </ul>	
P 542	<ul style="list-style-type: none"> <li>• Ambroxol HCl</li> <li>• Amisulpride HCl</li> <li>• Ambodiaquine HCl</li> <li>• Atomoxetine HCl</li> <li>• Azelnidipine</li> <li>• Cetirizine HCl</li> <li>• Clonazepam</li> <li>• Dexibuprofen</li> <li>• Dextromethorphan HBr</li> <li>• Dicyclomine HCl</li> <li>• Dicyclomine + Simethicone</li> </ul>	<ul style="list-style-type: none"> <li>• Ibuprofen</li> <li>• Levocetirizine Dihydrochloride</li> <li>• Meclizine HCl</li> <li>• Mefenamic Acid</li> <li>• Nystatin</li> <li>• Norfloxacin and Combination</li> <li>• Paracetamol</li> <li>• Prednisolone Sodium Sesquihydrate</li> <li>• Quinine Bisulphate</li> <li>• Quinine Sulphate 121</li> </ul>
P 542 AB	<ul style="list-style-type: none"> <li>• Azithromycin</li> <li>• Sultamicillin</li> </ul>	<ul style="list-style-type: none"> <li>• Clarithromycin</li> </ul>
P 542 CP	<ul style="list-style-type: none"> <li>• Cefpodoxime Proxetil</li> <li>• Oxetacaine</li> </ul>	<ul style="list-style-type: none"> <li>• Prednisolone Sodium Phosphate</li> <li>• Cefuroxime Axetil</li> </ul>
P 542 D	<ul style="list-style-type: none"> <li>• Dicyclomine HCl</li> <li>• Levocetirizine Dihydrochloride</li> </ul>	<ul style="list-style-type: none"> <li>• Dicyclomine + Simethicone</li> </ul>
P 544 C	<ul style="list-style-type: none"> <li>• Chloroquine Phosphate</li> <li>• Domperidone</li> <li>• Domperidone Maleate</li> <li>• Erythromycin Estolate</li> <li>• Erythromycin Ethylsuccinate</li> <li>• Ferrous Ascorbate</li> <li>• Ferrous Sulphate</li> <li>• Fluxerine Hydrochloride</li> </ul>	<ul style="list-style-type: none"> <li>• Pyrimethamine</li> <li>• Racecadotril</li> <li>• Sildenafil Citrate</li> <li>• Zinc Gluconate</li> <li>• Sulphadoxine</li> <li>• Tadalafil</li> <li>• Phenylephrine Hydrochloride</li> </ul>
P 544 DS (Cipro)	<ul style="list-style-type: none"> <li>• Ciprofloxacin HCL</li> </ul>	
P 544 R	<ul style="list-style-type: none"> <li>• Roxithromycin</li> </ul>	
P 550	<ul style="list-style-type: none"> <li>• Diclofenac Sodium</li> </ul>	
P 551	<ul style="list-style-type: none"> <li>• Nicotine Polacrilex USP</li> <li>• Diphenhydramine Hydrochloride</li> <li>• Famotidine</li> </ul>	<ul style="list-style-type: none"> <li>• Dimenhydrinate</li> <li>• Levofloxacin Hemihydrate</li> <li>• Pseudoephedrine HCL</li> </ul>



Doshion's Pharma Polymer Division is a pioneer in advanced polymer technology with over 50 years of expertise in ion exchange resins. We offer a wide range of high-quality products, including APIs for sachet formulations, tablet disintegration excipients, taste masking excipients for suspensions and syrups and sustained release excipients.

Our state-of-the-art manufacturing facilities and strict quality processes ensure innovative, sustainable, and reliable solutions for pharmaceutical companies globally.

### Manufacturing Excellence

- FDA-approved manufacturing plant compliant with cGMP norms.
- GMP certification by Indian health authorities.
- Robust infrastructure for large-scale production.
- 50 years of manufacturing experience with 20+ years in pharma.

### Packing

- Products are available in 3kg Vacuum packed pouches or 10kg, 20kg and 25kg Fiber drums.



### Quality & Regulatory Assurance

- cGMP-compliant labs with ISO 9001:2016 & 14001 certifications.
- QC Lab following all GLP norms
- Microbial tests applicable for each and every batch which is released
- End-to-end quality control with advanced instruments and skilled personnel.
- Dedicated quality assurance team ensuring adherence to cGMP norms and regulatory standards.
- Regulatory support for global documentation and DMF filing.



### Research & Development

- Advanced R&D and application center for API, liquid, and tablet applications.
- Dedicated team breaking new ground in polymer-based pharmaceutical solutions.
- State-of-the-art testing facilities supporting product innovation.
- Availability of customized solutions with technical support for each customer
- 100+ ready made protocols available in wet mixing & dry mixing process



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