



Certifications



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POLYMER
BASED
APIS,
EXCIPIENTS
AND
READY MIX



About us

Valens Pharmachem Pvt. Ltd. was established in 2016 in city of Ahmedabad, India and since then, it is growing rapidly and became one of the major player of the pharma and healthcare industry through constant innovation and research. The company is into manufacturing of polymer base APIs, Excipients, Intermediates and Ready-mix products.

Our State of the art facility is located in Nadiad, Gujarat . Valens Pharamchem Pvt. Ltd.'s leadership has more than 100 years of combined experience in the Pharmaceutical Industry with respect to International & Domestic Marketing, R&D, Regulatory, Production, Quality Control & Quality Assurance.

Our brands



Vision

To serve the human beings with quality products at affordable prices by continuous development in drug delivery systems, technology, knowledge for excellent productivity to support formulation market.

Mission

Our mission is to become global leader of the industry by constant innovation and development of products.

Polyion[®] Taste Masking

Product Name : Polylon 900/Polylon 900(Azi)/
Polylon 927/Polylon 936/
Polylon 936(Cipro)/Polylon 1008

Application

Our Products are used in pharmaceutical formulations as a taste masking agent in Liquid Suspension, Mouth Dissolving/Chewable/Dispersible/Effervescent/Lozenges tablets.

Pharmacopeial Name : In house product – cross-linked polymer of methacrylic acid, ethyl acrylate, acrylic acid and divinyl benzene with H⁺/K⁺ /Na⁺ as ionic form.

Advantages

- Excellent taste masking of bitter drugs.
- Compatible with most of the drugs.
- Fine particles of polymer helps better adsorption leading to better taste masking.



LIST OF APIS CAN BE TASTE MASKED USING POLYION PRODUCT RANGE

Polyion 900	Dimenhydrinate	Erythromycin Ethylsuccinate
Nystatin	Diphenhydramine Hcl	Ferrous Ascorbate
Roxithromycin	Erdosteine	Lamivudine
Polyion900 (AZI)	Famotidine Resinate	Ondansetron Hydrochloride
Azithromycin	Fluoxetine Hcl	Phenylephrine Hydrochloride
Polyion936 (CIPRO)	Ibuprofen Resinate	Pyridoxine Hcl
Ciprofloxacin	Levocetirizine	Pyrimethamine
Polyion 927	Levofloxacin	Quinine Sulphate
Ambroxol Hydrochloride	Meclizine Hcl	Racecadotril
Amisupride Hcl	Mefenamic Acid With Paracetamol	Resperidone
Amodiaquine Hydrochloride	Moxifloxacin Suspension	Sildenafil Citrate
Atomoxetine Hcl	Norfloxacin Metronidazole	Sulfadoxine
Azelnidipine	Ofloxacin Suspension	Tadalafil
Cefixime Trihydrate	Paracetamol Suspension	Zinc Gluconate
Cetirizine Hcl	Pentoprazole Sodium Sesquihydrate	Zinc Sulphate
Cetirizine Hcl	Quinine Bisulphate	Polyion 954
Clonazepam	Polyion 936	Lincomycin Hcl
Dexibuprofen	Acetylcysteine	Polyion 1008
Dextromethorphan Hbr	Chloroquin Phosphate	Cephodoxime Proxetil
Dicycloamine Hcl	Domperidone	Cephodoxime Axitel Linezolid
Dicyclomine Simethicone	Domperidone Meleate	Piperaquine Phosphate
Dihydroartemisinin	Erythromycin Estolate	Prednisolone Sodium Phosphate

Tablet Disintegration

Product Name : Polylon 909 / Polylon 918

Pharmacopeial Name : Polacrillin Potassium USP/NF

Application

Polygon 909 / Polygon 918 is having swelling capacity & wicking capacity ensures super fast disintegration of solid dosage form like table, capsules, pellets, ODT & other tables.

Quantity of Polygon 909/ Polygon 918 is from 0.5 to 10% of tablet weight.

Advantages

- Super fast disintegration agent
- Elimination of lump formation
- Suitable for both direct compression & wet granulation



Tablet Dissolution

Product Name : Polylon 909 / Polylon 918

Pharmacopeial Name : Polacriline Potassium USP/NF

Application

Our Products are used in pharmaceutical formulations as a dissolution enhancer in solid dosage forms like tablets, capsules, pellets etc. Example of dissolution - Cefuroxime Axetil, Cefpodoxime Proxetil, Atorvastatin Calcium, Telmisartan, Glimepiride, Gliclazide, Ondansetron etc.

Advantages

Improve dissolution by 5-10% by removing crystal energy or reticular energy of API. We recommend Addition of 50% in granulation and 50% in lubrication (of total usage) helps improve dissolution



Sustain And Control Release

Product Name : Polylon 945 / Polylon 954 / Polylon 963 / Polylon 981 / Polylon 990

Pharmacopeial Name : In-house - Polistirex Resin, Styrene Polymer - H⁺/ Na⁺/ Ca⁺²/ Cl⁻

Application

Our Products are used in pharmaceutical formulations as a sustain & control release polymer in Liquid Suspension, Mouth Dissolving/ Chewable/ Dispersible / Effervescent / Lozenges tablets and even Enteric Release of tablets.

Advantages

Can design sustain release in liquid formulation like cough suppressant and gives 12 hours release. Customized drug release profile can be achieved based on the requirement of API.



APIs

Polygon 945 : Calcium Polystyrene Sulfonate BP/JP

Polygon 954 : Sodium Polystyrene Sulfonate USP/ EP

Application:

Calcium Polystyrene Sulfonate BP/JP and Sodium Polystyrene Sulfonate USP/EP is medicine used to help remove excess amount of potassium from the blood for Hyperkalemia patients.

Polygon 963 : Cholestyramine Resin USP/EP

Application:

Cholestyramine is a bile acid sequestrant used as an adjunct in the reduction of elevated serum cholesterol in patients with primary Hypercholesterolemia.



Stabilization of APIs Product

Product Name : Polylon 972

Pharmacopeial Name : Polacrilex Resin (Ref – Handbook of excipient)

Application

Our Products are used as Stabilizer Polymer for pharmaceutical APIs which are not stable at environment condition such as Vitamin B12.

Advantages

Polymer binding will help to improve stabilization of those APIs Loading of drug on resin help to reduce the effect of environmental condition



Nicotine Polacrilex USP

Product Name : Polylon 972

Pharmacopeial Name : Polacrilex Resin (Ref – Handbook of excipient)

Application

The finish product API - Nicotine Polacrilex USP used in Nicotine chewing gum, lozenge and chewable tablet of nicotine which helps to quit smoking.

Advantages

We manufacture Polacrilex Resin which is a key intermediate to manufacture NICOTINE POLACRILEX USP. Our Polacrilex Resin is matching as per USP reference standard.



PolyGIT

VERSATILE POLYMERS FOR ORAL SOLID DOSAGE FORMULATIONS

Applications	PolyGit Grades	Product Form	Functionality	Dissolution Properties
Drug delivery in duodenum	Polygit L 30 D-55	Aqueous Dispersion 30 %	Anionic polymers with methacrylic acid as a functional group	Dissolution above pH 5.5
	Polygit L 100-55	Powder		Dissolution above pH 6.0
Drug delivery in jejunum	Polygit L 100	Powder		Dissolution above pH 6.0
	Polygit L 12,5	Organic Solution 12.5 %		Dissolution above pH 7.0
Colon delivery	Polygit S 100	Powder		Dissolution above pH 7.0
	Polygit S 12,5	Organic Solution 12.5 %		Dissolution above pH 7.0
	Polygit FS 30 D	Aqueous Dispersion 30 %	Dissolution above pH 7.0	

Protective Formulations

Applications	PolyGit Grades	Product Form	Functionality	Dissolution Properties
Insulating coatings: • Taste masking • Odor masking • Moisture protection • Light protection	Polygit E 100	Granules	Cationic polymer with dimethylaminoethyl methacrylate as a functional group	Soluble in gastric fluid up to pH 5.0
	Polygit E 12,5	Organic Solution 12.5 %		Swellable and permeable above pH 5.0
	Polygit E PO	Powder		Swellable and permeable above pH 5.0

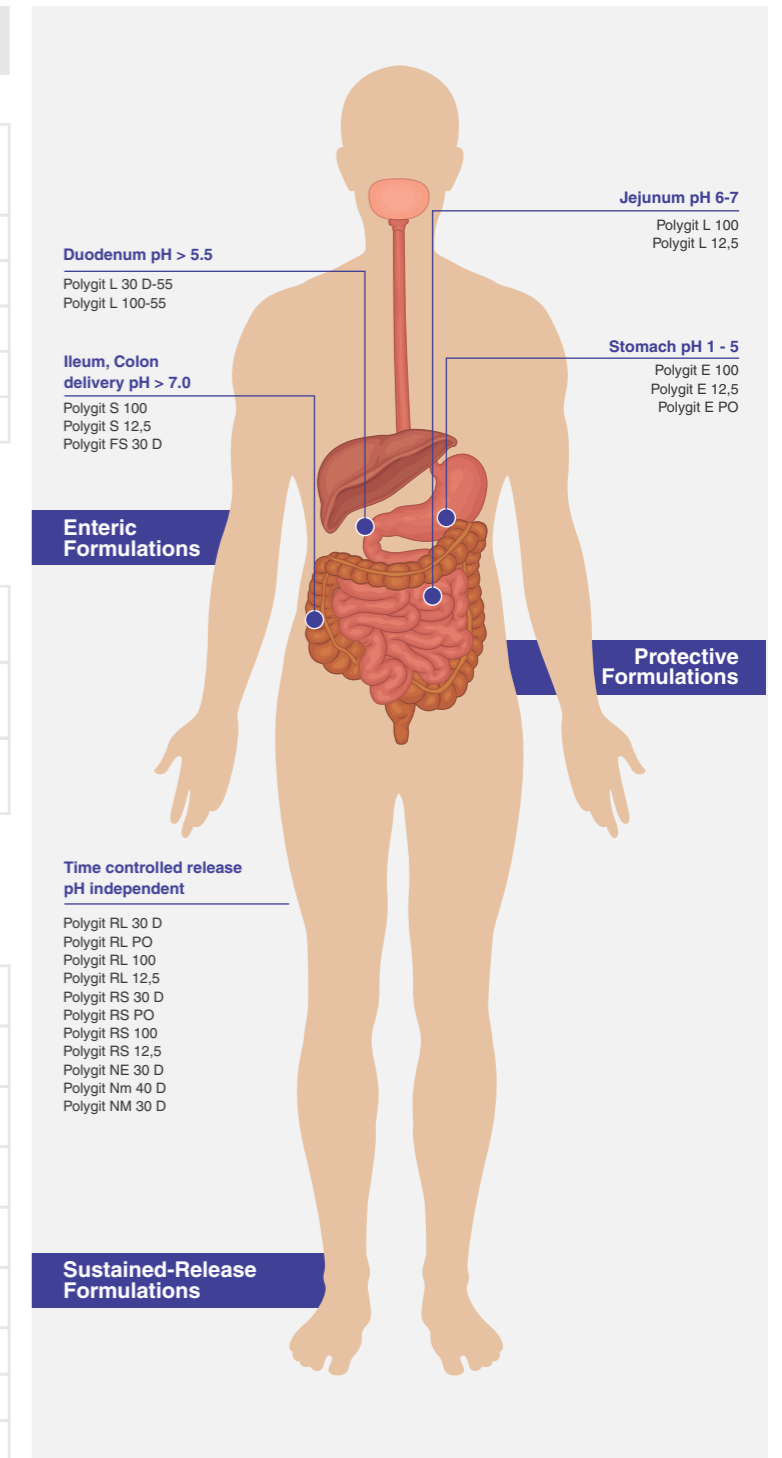
Sustained-Release Formulations

Applications	PolyGit Grades	Product Form	Functionality	Dissolution Properties
Sustained release formulations	Polygit RL 30 D	Aqueous Dispersion 30 %	Meth-/acrylate copolymers with trimethyl-ammonioethyl-methacrylate as a functional group	Insoluble
	Polygit RL PO	Powder		High permeability
	Polygit RL 100	Granules		pH independent swelling
	Polygit RL 12,5	Organic Solution 12.5 %		Insoluble
	Polygit RL 30 D	Aqueous Dispersion 30 %	Neutral polymer of meth-/acrylates	Low permeability
	Polygit RL PO	Powder		pH independent swelling
	Polygit RL RS	Granules		
	Polygit RL 12,5	Organic Solution 12.5 %		
Sustained release formulations, suitable for matrix structures and miscible with other Polygit grades	Polygit RL 30 D	Aqueous Dispersion 30 %		
	Polygit RL 40 D	Aqueous Dispersion 40 %		
	Polygit NM 30 D	Aqueous Dispersion 30 %		

Series of Polygit

L Series | S Series | E Series | RL Series | RS Series

Advantages	Monographs
Effective and stable enteric coatings with a fast dissolution in the upper bowel	Ph. Eur., USPNF, JPE
Granulation of drug substances in powder form for controlled release	Ph. Eur., USPNF, JPE
Site specific drug delivery in intestine by combinations L/S of grades Variable release profiles	Ph. Eur., USPNF, JPE
Low viscosity, high pigment binding capacity, good adhesion, low polymer weight gain	Ph. Eur., USPNF, JPE
Customized release profiles by combination of RL and RS grades in different ratios	USPNF Ph. Eur., USPNF, JPE
Suitable for matrix structures	USPNF Ph. Eur., USPNF, JPE
No plasticizer required, highly flexible	Ph. Eur., USPNF, JPE
Suitable for matrix structures	Ph. Eur.



HYDROSOL

Hydrosol grades are chemically castor oil derivatives. They are non-ionic solubilizers and emulsifying agents obtained by reacting hydrogenated castor oil with ethylene oxide. They consist hydrophobic and hydrophilic part. They are almost tasteless and odorless. They are used as solubilizer for fat-soluble vitamins, perfumes, essential oils and other hydrophobic pharmaceuticals.

They have ability to solubilize or emulsify oil soluble ingredients and convert them into clear transparent solution or stable emulsion respectively. It improves the solubility of poorly soluble drugs. It improves the solubility of poorly soluble drugs.

Characteristics	Hydrosol 35	Hydrosol 40	Hydrosol 50
Pharmacopoeial Monograph	Polyoxyl 35 Castor Oil USPNF. Ph. Eur: Macrogolglycerol Ricinoleate	PG, PEG-40 Hydrogenated Castor Oil Ph. Eur: Macrogolglycerol Hydroxystearate	Polyoxyl 40 Hydrogenated Castor Oil USPNF and Propylene glycol USPNF
Description	Yellow oily Liquid	White to pale yellow viscous liquid or soft thin paste	White to pale yellow
Odor	Odorless	Odorless	Odorless
Taste	Tasteless	Tasteless	Tasteless
Miscibility	At elevated temperature, it forms clear mixtures with fatty acid and fatty alcohols		
Effect of temperature	Hydrosol grades are stable and does not turn rancid unless subjected to excessive heat		

Applications

Solubilizer : Hydrosol range improves water solubility of major water insoluble products. It is compatible with almost all actives.

Dissolution Improver : It is generally used between 3.0% to 5.0% w/w to improve dissolution of poorly soluble actives.

Emulsifier: Hydrosol range is excellent versatile nonionic emulsifying agent. It is suitable to obtain O/W cream and lotions.

Moisturizer : Hydrosol range improves moisturizing effect and soft feeling.

Transparency Improver : It solubilizes insoluble oily substances in aqueous system and hence it improves transparency and shining.

Volatility Retardant : Hydrosol range has capability to retard volatilities of solvents.

Film Former : Hydrosol is preferred in cream, lotion, lipstick etc. to improve film forming capacity.

Masking Agent : Hydrosol masks unpleasant taste and odor of typical formulations.

Tastant

We manufacture speciality taste masked granules, Sustain release granules, DC granules and Dry powder suspension granules which help customer to reduce their process and have better consistent result.

Our products

Product Name	Product Name	Strength of API Formulation
Tastant (Taste masked ready to fill or use Granules)	Azithromycin Taste Masked Granules	7.5% , 15%, 22.5%
	Ciprofloxacin Taste Masked Granules	20%, 30%, 40%
	Clarithromycin Taste Masked Granules	27.5%
	Sildenafil citrate Taste Masked Granules	10%, 27%
	Cefuroxime Axitel Taste Masked Granules	
DC Granules	Cefpodoxime Proxetil Taste Masked Granules	
	Metformin Sustain Release Granules	SR Granules
	Telmisartan Immediate Release Granules	IR Granules



Facility

Manufacturing Facility

- FDA approved manufacturing plant
- Compliance with latest cGMP norms
- GMP & WHO GMP certificate by Indian drug authority
- All equipment have IQ/OQ/PQ/DQ documentation
- Class 1ac/Hepa filters in manufacturing plant



QC lab

- cGMP & GLP compliance laboratory facility.
- All equipment like HPLC, GC, AAS, KF titrator, UV, Viscometers are available
- ISO 9001:2015, 14001:2015 & 1725:2017 compliant lab.
- Separate and fully equipped Microbial Lab is available
- Validated, trained & knowledgeable manpower to conduct all quality analysis.



Quality Assurance

- cGMP norms & SOPs are followed at each & every step in Production, QC, Micro, Store & all department.
- GDP (Good Documentation Practice) is followed by QA team to ensure all regulatory compliances.
- Quality management system is implemented.



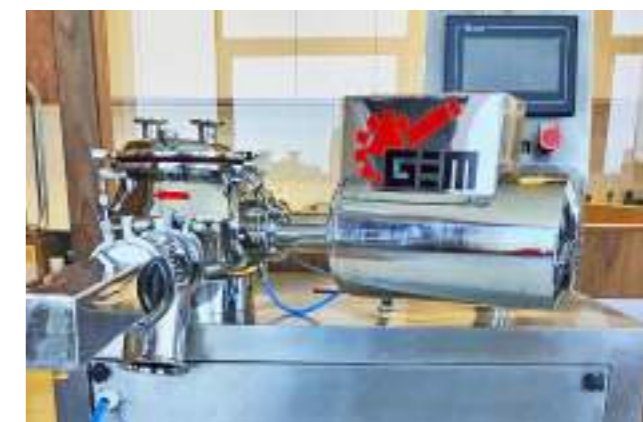
Regulatory Support

- Tech pack document are available for all our products.
- DMF/CEP based documents are available for our KEY APIs & Excipients.
- Stability data, characterisation of product Nitrosamine impurity, Elemental impurities & other documents are available on request.



Formulation, Research & Development

- We have full fledge formulation application development lab.
- Our FR&D support on formulation and development provide innovative solution for formulation
- Our R&D has polymer development facility with all required R&D equipments.
- Dedicated investment and man power for R&D and application lab.



Packaging

5kg | 10kg | 20kg | 25kg | 50kg | 60kg

