

Antimicrobial preservatives

Antimicrobial preservatives are used to kill or prevent growth of bacteria, yeast, and mould in the dosage form, antimicrobial agents are added to multi-dose formulations to prevent microbial growth during its shelf life and also added in the diluent for reconstitution of multidose container.

Product Code	Product Name	Sample Pack	Exhibit Pack	Commercial Pack
BE158	Benzyl Alcohol, NF	500 ML	4 Ltr	20 Ltr
CH123	Chlorobutanol, Anhydrous, NF	25 Gm	12 Kg	25 Kg
PH125	Liquefied Phenol, USP	500 MI	4 Ltr	200 Ltr
C2773	Metacresol, USP,EP	10 Gm	1 Kg	5 Kg
TH125	Thimerosal, USP, EP, BP	5 Gm	1 Kg	50 Kg

Antioxidants & Reducing agents

An antioxidant is a molecule that inhibits the oxidation of other molecules or itself gets oxidized in place of active.

Product Code	Product Name	Sample Pack	Exhibit Pack	Commercial Pack
AS105	Ascorbic Acid, Crystalline Powder, USP	100 Gm	12 Kg	50 Kg
A1372	Ascorbyl Palmitate, NF	25 Gm	5 Kg	25 Kg
B1196	Butylated Hydroxytoluene, Granular, NF	125 Gm	12 Kg	25 Kg
144233	Butylated Hydroxyanisole, Powder USP-NF, BP, Ph. Eur	1 Kg	5 Kg	25 Kg

Viscosity modifier/Viscosity building agents

Viscosity modifiers are used in pharmaceutical formulations to provide desired thickness to achieve suspendibility. We have wide range of CMC sodium with varied viscosity for optimum sedimentation rate.

Product Code	Product Name	Sample Pack	Exhibit Pack	Commercial Pack
CA193	Carboxymethylcellulose Sodium, Low Viscosity, Viscosity of 2 Percent Aqueous Solution @ 25 DEG C: 10-50 cP, USP	100 Gm	2.5 Kg	45 Kg
CA192	Carboxymethylcellulose Sodium, Medium Viscosity, Viscosity of 2 Percent Aqueous Solution @ 25 DEG C: 400-800 cP, USP	125 Gm	12 Kg	45 Kg

Surfactants used as Co-Solvents

Surfactants aid reconstitution if the drug does not show good wetting behaviour, minimize losses due to surface adsorption especially in cases of low dose products. They can be included in the diluting medium so as to keep the lyophilized formulation simple.

Product Code	Product Name	Sample Pack	Exhibit Pack	Commercial Pack
PO132	Polysorbate 20, NF	500 MI	4 Ltr	20 Ltr
PO138	Polysorbate 80, NF	500 MI	4 Ltr	20 Ltr

Oils used as solubilizing agents / Release rate modifier

Molecules that are non-ionisable, lipophilic, and nonpolar are challenging to formulate due to their low water solubility and no effect of pH on solubility. Thus non polar oils are mostly used to solve the purpose.

Product Code	Product Name	Sample Pack	Exhibit Pack	Commercial Pack
CA208	Castor Oil, USP	500 MI	4 Ltr	20 Ltr
PE090	Peanut Oil, NF	500 MI	4 Ltr	20 Ltr

Note: We are Continuously upgrading our other products as well to meet Injectable Standards. For any excipient not listed above please do Contact us.

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About Us

Planet Science brings you world class Quality Excipients, from all across the globe. We bring value added products, exceptional technical support and unique service experience to benefit our customers. Our high Quality Excipients are manufactured and packaged under current Good Manufacturing Practices (cGMP) as per 21 CFR Parts 210 & 211 in US-FDA registered and inspected facility. The products are strictly controlled and manufactured according to the Methods & Specifications defined in the latest editions of USP-NF, BP, Ph.Eur.& JP Monographs, with full Regulatory Documentation Support.

We have a range of 1200+ Pharma References, to help you optimize your efficiency. Our goal is to save your time and resources. by providing you with customized specifications, for an exact fit to your unique requirement. (Including Endotoxin Tests & Microbiological Analysis).



PARENTERAL DOSAGE FORMS

The dosage form administered by means of Injection is Parenteral Dosage form. The most common routes of parenteral administration are intravenous, subcutaneous and intramuscular. A wide variety of formulations are administered by parenteral route including solution, suspension, emulsion, liposomes, implants and particulate systems.



OPHTHALMIC DOSAGE FORMS

The dosage form specifically meant for treating ocular diseases is ophthalmic dosage forms. The most popular route of administration for drug treatment in ocular diseases and diagnostics is the topical route. ophthalmic dosage form includes solutions, suspensions, ointments, water based gels and ocular inserts.

OUR OFFERINGS

Buffering agents

Control of pH is critical to avoid degradation of drug during processing, storage and reconstitution, thereby necessitating addition of buffering agents in the Injectable formulation. Wide range of buffering agents are available, in order to achieve predetermined pH range for the maximum stability and solubility of the API.

Product Code	Product Name	Sample Pack	Exhibit Pack	Commercial Pack
C1296	Citric Acid Monohydrate, Crystalline Powder, USP	500 Gm	12 Kg	50 Kg
CI131	Anhydrous Citric Acid, Powder, USP	500 Gm	12 Kg	45 Kg
SO130	Monobasic Sodium Phosphate, Monohydrate, Granular, USP, BP (Sodium dihydrogen phosphate monohydrate)	500 Gm	12 Kg	50 Kg
SO140	Dibasic Sodium Phosphate, Heptahydrate, Crystal, USP (di-Sodium hydrogen phosphate heptahydrate)	500 Gm	12 Kg	50 Kg
SO138	Dibasic Sodium Phosphate, Dried, USP (di-Sodium hydrogen phosphate dihydrate)	500 Gm	12 Kg	45 Kg
SO104	Sodium Acetate, Anhydrous, USP	500 Gm	12 Kg	45 Kg
SO147	Sodium Carbonate, Anhydrous, NF	500 Gm	12 Kg	50 Kg
SO165	Sodium Citrate, Dihydrate, Granular, USP	500 Gm	12 Kg	50 Kg
S1986	Sodium Citrate, Anhydrous, USP	500 Gm	12 Kg	45 Kg

pH modifiers/pH adjusting agents

A pH modifier is nothing but an acidifying or alkalinizing agent used extensively in Injectable formulations to achieve a desirable pH for drug solubility, activity, absorption, stability and most importantly patient comfort.

Product Code	Product Name	Sample Pack	Exhibit Pack	Commercial Pack
AC110	Acetic Acid Glacial, USP	100 MI	4 Ltr	20 Ltr
HY104	Hydrochloric Acid, 37 Percent, NF	500 MI	4 Ltr	20 Ltr
SO170	Sodium Hydroxide, Pellets, NF	500 Gm	12 Kg	50 Kg
TA105	Tartaric Acid, Granular, NF,EP	500 Gm	12 Kg	25 Kg

Tonicity adjusting agents

Parenteral formulations should be isotonic with human plasma so as to avoid damage to the tissues. Utmost care should be taken, when either the injection volume or the infusion rate is higher, in case of intravenous injection.

Product Code	Product Name	Sample Pack	Exhibit Pack	Commercial Pack
DE140	Dextrose, Anhydrous, Granular, USP, EP, BP, JP	500 Gm	12 Kg	100 Lb
SO160	Sodium Chloride, Powder, USP	500 Gm	12 Kg	50 Kg

Bulking agents & Lyoprotectants

Lyoprotection is defined as the stabilization and prevention of the degradation of a molecule both during freeze-drying and afterwards, during storage. Bulking agents, as the name implies, form the bulk of the lyophilized product and provide an adequate structure to the cake, most of the lyoprotectants serve the purpose of bulking agents.

Product Code	Product Name	Sample Pack	Exhibit Pack	Commercial Pack
LA103	Anhydrous Lactose, NF	500 Gm	12 Kg	45 Kg
A4831/NA165C	D(-)-Mannitol pure low endotoxin, Ph. Eur., BP, USP, JP	500 Gm	1 Kg	5 Kg

Co-Solvents used as solubilizing agents

Water is the most preferred solvent for injectable formulations. But co solvents are used in the formulations, for increasing drug solubility, increasing primary drying rate in case of lyophilized product and in certain cases enhance the sterility assurance of sample solution.

Product Code	Product Name	Sample Pack	Exhibit Pack	Commercial Pack
BE159	Benzyl Benzoate, USP	500 MI	4 Ltr	20 Ltr
ET108	Ethanol 95% (190 Proof) USP	500 MI	500 MI	500 MI
631085	Ethanol 96% v/v (Ph. Eur.,BP,USP) GMP	500 MI	500 MI	500 MI
631086	Ethanol absolute (Ph. Eur.,BP,USP) GMP	500 MI	500 MI	500 MI
PR130	Propylene Glycol, USP	500 MI	4 Ltr	20 Ltr

Chelating agents

Chelating agents form soluble complex molecules with certain metal ions (e.g., copper, iron, manganese, lead, and calcium) and there by prevent interacting with the active pharmaceutical ingredients.

Product Code	Product Name	Sample Pack	Exhibit Pack	Commercial Pack
ED150	Edetate Disodium, Dihydrate, USP	125 Gm	12 Kg	45 Kg

Complexing agents

Complexing agents are used to increase aqueous solubility of poorly soluble drugs, and to increase their bioavailability and stability.

Product Code	Product Name	Sample Pack	Exhibit Pack	Commercial Pack
H2690	(2-Hydroxypropyl)-beta-cyclodextrin (HPBCD) EP	20 Gm	1 Kg	25 Kg
S2690C	Sulfobutylether beta cyclodextrin sodium USP	20 Gm	1 Kg	25 Kg