



YASHAM

YASHAM SPECIALITY INGREDIENTS PVT LTD



SOLID ORAL

Beyond Chemicals Building Partnership

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Product Name	Brand Name / Grade	Compliance	Properties and Functions
Calcium Silicate	Florite R	USP/ NF	White powder, Avg particle size ~30µm, Petaloid crystal structure, large micropores imparts superior liquid-absorbing properties for both water and oil. Oil absorption capacity is ~4.6ml/g , suitable for direct compression . Suitable for acid sensitive API Applications : Sartans, zoles, minerals & vitamins, medicated powders, face wash and bi-layered tablets
	Florite PS 10	USP/ NF	White powder, Avg particle size ~10µm Oil absorption capacity ~3.2ml/g Applications : Sustained and controlled release of drugs
	Florite PS 200	USP/ NF	White powder, Avg particle size ~150µm ; Oil absorption capacity ~3.2ml/g Applications : Sustained and controlled release of drugs along with Improved bulk density
	Florite JSFA	N/A	High liquid absorbency; Excellent compressibility Powder (Nutra Grade)
Granulated Corn Starch	Grastar	JPE, USP/ NF	Granules made from non-GMO Corn; pH ~4.91, Good flowability, direct compressibility, and excellent oral disintegration properties Applications : Acts as a filler, binder, and disintegrant in orally disintegrating tablet (ODT), formulation; Zoles
Corn Starch	JPCS-YN	JPE, USP/EP	Granules made from yellow non-GMO Corn; pH ~4.76; Good flowability Applications : Acts as filler and binder
	JPCS-W	JPE, USP/EP	Granules made from white non-GMO Corn; pH ~4.86 Applications : Acts as filler and binder
Carboxy Methyl Cellulose (Carmellose)	NS-300	JPE, USP/ NF, EP	Lowest wetting time (less than ~24 seconds), pH 3.5 - 5.0 Has been used as a stabilizer of tablets containing some drugs decomposed by alkali; Wicking type of mechanism due to the property of electrostatic repulsive force ; More than 95% particles through 200 mesh Applications : Disintegrant; sartans, zoles.
Carboxy Methyl Cellulose Sodium	Kemsel 30 F XX	USP, EP	Thickener, stabilizer and water retention agent. Viscosity 3000-4000
	Kemsel 27 F	USP, EP	Thickener, stabilizer and water retention agent. Viscosity 150-250
Carboxy Methyl Cellulose Calcium (Carmellose Calcium)	ECG-505	JPE, USP/ NF, EP	It shows swelling type of mechanism; pH 4.5 - 6.0 and more than 95% particles through 200 mesh ; Though insoluble in water, it serves as a disintegrant as it swells up when it comes in contact with water Applications : Used as a Binder, Diluent, Disintegrant; Sartans, Zoles.
Pullulan	N/A	USP, EP	Encapsulation, coating agent in sustained release tablet. Viscosity 100-180
Hydroxyl Propyl Betadex	N/A	USP-NF	Solubilizing, stabilizing and taste-masking excipient Applications : Swallow-able tablet; Chewable tablets; Effervescent tablets; Lozenges; Hard capsules
Methyl-β-Cyclodextrin	N/A	USP-NF	Water-soluble cyclic heptasaccharide; Applications : Used to deliver hydrophobic drugs based on its property of solubilizing non-polar substances. Methyl-β-cyclodextrin is also extensively used as a cholesterol-depleting reagent.
Dimethyl-β-Cyclodextrin	N/A	USP-NF	White powder; more effective for the oil-soluble molecules than water-soluble. Applications : Increase the solubility of the medicine and biological availability. It can control or adjust the reactive speed, lower the drug toxicity and enhance the stability of drugs.
β-cyclodextrin	N/A	USP-NF	White, practically odorless, fine crystalline powder having a slightly sweet taste. Sparingly soluble in water; pH : 5.0-8.0 ; Applications : Mainly used to enhance the stability of drugs, prevent the oxidation of drugs, improve the dissolution and bioavailability of drugs, reduces the toxic and side effects of drugs.
γ-cyclodextrin	N/A	USP-NF	White or almost white powder; Odorless, slightly sweet; Freely soluble in water, soluble in ethanol and almost insoluble in acetone; pH: 5.0-8.5
Hydroxypropyl-γ-cyclodextrin	N/A	USP-NF	White powder; It has high solubility in water and strong anti-crystallization ability.
Piroxicam-beta-cyclodextrin	N/A	USP-NF	Light yellow powder, odourless, tasteless; pH: 5.0-8.0; Unique proportion of the pharmaceutical grade of piroxicam with pharmaceutical grade β-cyclodextrin; Better stability and drug release. Applications : Used in anti-inflammatory analgesic drug formulations.
Trehalose Dihydrate	Low Bioburden	EP, BP, NF	Stabilizing and Tableting excipient Applications : Quick-dissolving tablets
	Ultra-Low Bioburden	EP, BP, JP, NF	
	LBLE	ChP, NF	
D- Galactose	LBLE	EP, BP, NF	"Plant derived" product Applications : Filler, Diluent
	LBLE + Low Elemental Impurities	EP, BP, NF	
Polysorbate 20	Radiasurf 7137	EP	Granulation fluid for transferring into tablets or pellets (solid product) by a granulation process.
Polysorbate 40	Radiasurf 7147	EP	It is used as binders, diluent in pills and tablets Also used as an emulsifier

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Polysorbate 80	Radiamuls Sorb 2157K	EP	It is used as an emulsifier
Glycerin	Glycerine 4810	EP-USP	It is used as a sweetener in syrups & lozenges
Propylene glycol	Radianol 4710	EP-USP	It is used as a solubilizer. Also acts as a stabilizer for vitamins
Magnesium Hydroxide NK	N/A	USP	Bulk density 0.50g/mL, Loss on drying 0.5%; Antacid with slow neutralising action and a mild laxative action
Magnesium Sulfate Anhydrous	N/A	USP	Non-Parenteral Dosage Grade, pH ~ 8.7, Particle size 50 mesh on - 0.0 %, 50-100 mesh-0.1%, 100-200 mesh - 2.4%, 200mesh pass - 97.5% Application : Used for the treatment of epileptic seizures, as cathartic, an electrolyte replenisher, electrolyte replenisher in the treatment of pre-eclampsia and eclampsia.
Potassium Chloride	Pharma-K™	USP, EP, ACS, JP, BP, FCC	Controlled particle size - Standard USP/FCC & ACS (40-200 mesh); Free flowing USP/FCC & ACS (20-60 mesh); Crystal structure with two forms cubical & spherical; Moisture level is as low as 300 ppm; Anticaking options include MagCarb, SiO₂, TCP & MagSterate Applications : Potassium replenishment source in Medications, Hypertension, Haemodialysis
	Nutri-K™		
Aluminium Sodium Silicate	Regular	EP	pH – 10.9; It is used as filler with some functional role as it is used to improve API elution Applications : Isosorbide Mononitrate, Felodipine
Aluminium Sodium Silicate	B grade	EP	pH – 10.6 ; It is used as filler with some functional role as it is used to improve API elution; It has large pores and different bulk density. Applications : Metoprolol Tartrate
Sorbitol syrup	Pharma grade sunsorb 70/70	USP-NF, EP	Aqueous solution of polyols at 70 % total solids, prepared by catalytic hydrogenation of a starch hydrolysate. Colorless, syrup liquid. Sweet taste. SUNSORB 70/70 exhibits a delayed tendency to crystallize. pH 5.0-7.5
Maltitol syrup	Maltitaste 85/55	USP-NF, EP	Aqueous solution of polyols at 84.5% total solids, prepared by catalytic hydrogenation of starch hydrolysate. Colorless, liquid syrup. Sweet taste. pH 5-7
Potassium Hydroxide	Pellets	NF/ FCC, ACS, EP, JP, BP	Pellets are odourless, White, solid hemispheres of uniform diameter and thickness - This geometry reduces dusting and caking . Thus, it can be stored and handled better; Deliquescent and contains 10-15% water Applications : pH adjustment, reactant, catalyst, stabilizer
Sodium Hydroxide	Pellets	ACS/USP/NF/ FCC	Bioprocess solutions, buffers, solvents
Ferrous Pyrophosphate	Ferrisorb I	FCC	High iron absorbability,
	Ferrisorb II	FCC	High dispersibility and smooth texture.
Astaxanthin - Arava Whole Algae Powder	AstaPure	FCC	Natural Astaxanthin ≥3%; Free-flowing powder of Haematococcus pluvialis algae; composition of astaxanthin, polysaccharides, vitamins, minerals, dietary fibers and essential fatty acids.
Astaxanthin - Arava Premium Whole Algae Powder			Natural Astaxanthin ≥5%; Free-flowing powder of Haematococcus pluvialis algae; composition of astaxanthin, polysaccharides, vitamins, minerals, dietary fibers and essential fatty acids.
Astaxanthin - EXT 10% Astaxanthin Oleoresin			Astaxanthin ≥10%; Natural esterified Astaxanthin oleoresin sourced from Haematococcus pluvialis microalgae and extracted by supercritical CO ₂ .
Silicon Dioxide	Florite™ A-1	JPE, EP	Anti-caking agent, adsorbent, disintegrant, glidant to improve flowability, good compressibility, prevention of deliquescence
Guar Gum	Polygum Granular Guar	EP	pH 5.0 – 7; Viscosity Brookfield is >2'500 mPa.s Applications : Binder, Thickener, Stabilizer, Emulsifier, Suspending Agent, Coating tablet to mask unpleasant taste
	Polygum Guar Gum	USP	pH 5.0 – 7; Viscosity Brookfield is >3'500 mPa.s Applications : Binder, Thickener, Stabilizer, Emulsifier, Suspending Agent, Coating tablet to mask unpleasant taste
	Polygum Guar Cyamopsidis Seminis Pulvis	EP	pH 5.0 – 7; Viscosity Brookfield is >3'500 mPa.s Applications : Binder, Thickener, Stabilizer, Emulsifier, Suspending Agent, Coating tablet to mask unpleasant taste
	Polygum Hydrolysed Guar Gum (High Viscosity)	USP, EP	pH 5.5 – 7.5; Viscosity Brookfield is 1'400 – 1'800 mPa.s Applications: Binder, Thickener, stabilizer, Emulsifier, Suspending Agent, Coating tablet to mask unpleasant taste
	Polygum Partially Hydrolysed Guar Gum (Medium Viscosity)	USP, EP	pH 5.5 – 7.5; Viscosity Brookfield is 700-1050 mPa.s Applications : Binder, Thickener, Stabilizer, Emulsifier, Suspending Agent, Coating tablet to mask unpleasant taste
	Polygum Partially Hydrolysed Guar Gum (Low Viscosity)	USP, EP	pH 5.5 – 7.5; Viscosity Brookfield is 70-130 mPa.s Applications : Binder, Thickener, Stabilizer, Emulsifier, Suspending Agent, Coating tablet to mask unpleasant taste

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Tragacanth Gum	Polygum EXT-119	EP	Dried exudate from the root of Astragalus gummifer Labillardiere Applications : Binding, Stabilizing & Thickening agent
	Polygum EXT-181	USP-NF	Dried exudate from the root of Astragalus gummifer Labillardiere Applications : Binding, Stabilizing & Thickening agent
Gum Arabic / Gum Acacia	Polygum EXA-161	JECFA/ FAO	>140 mesh (106 µm) - max. 1.0%; < 140 mesh (106 µm) - min. 99.0% Applications : Suspending & Emulsifying agent, Binder in tablets
	Polygum EXA-177	EP, JECFA/ FAO	>140 mesh (106 µm) - max. 1.0% Applications : Suspending & Emulsifying agent, Binder in tablets
	Polygum EXA-179	USP-NF	>140 mesh (106 µm) - max. 1.0%; Irradiation - 15-35 kGy Applications : Suspending & Emulsifying agent, Binder in tablets
Gum Karaya	Polygum EXK-104	FCC	pH – 4.8; Viscosity is 370 mPa.s Applications : Suspending Agent & Emulsifying Agent
	Polygum EXK-182	FCC	pH – 4.8 Applications : Suspending, Emulsifying Agent & Sustaining Agent
	Polygum EXK-160	FCC	Viscosity is 300 mPa.s Applications : Suspending, Emulsifying Agent & Sustaining Agent
	Polygum EXK-108	FCC	Viscosity - 750 mPa.s Applications : Suspending, Emulsifying Agent & Sustaining Agent
Carob Bean Gum / Locust Bean Gum	Polygum ESX NSH	FCC	Carob beans fruit of the carob tree; Sugar content more than 50% ; About 35% galactomannan can be extracted from the seeds (approx. 3.5% from the pods) Applications : Thickening liquid & stabilizing emulsion
Tara Gum	Polygum 44/1	FCC	Tara pods are fruits of the Tara tree Applications : Stabilizer, Thickener, Emulsifier, Gelling agent
Refined Almond Oil	N/A	EP	Prunus Amygdalus Dulcis (Sweet Almond) Oil
Refined Kernel Oil	N/A	EP	Prunus Armeniaca (Apricot) Kernel Oil
Refined Avocado Oil	N/A	EP	Persea Gratissima Oil
Refined Borage Oil	N/A	EP	Borago Officinalis Seed Oil
Refined Castor Oil	N/A	EP	Ricinus Communis (Castor) Seed Oil
Refined Coconut Oil	N/A	EP	Cocos Nucifera (Coconut) Oil
Refined Grape seed Oil	N/A	EP	Simmondsia Chinensis Oil
Refined Jojoba Oil	N/A	EP	Vitis Vinifera (Grape) Seed Oil
Refined Macadamia Oil	N/A	EP	Macadamia Ternifolia Seed Oil
Refined Olive Oil	N/A	EP	Olea Europaea (Olive) Fruit Oil
Refined Peach Kernel Oil	N/A	EP	Prunus Persica (Peach) Kernel Oil
Refined Evening Primrose Oil	N/A	EP	Oenothera Biennis (Evening Primrose) Oil
Refined Sesame Oil	N/A	EP	Sesamum Indicum Oil
Refined Sunflower Oil	N/A	EP	Helianthus Annuus Seed Oil
Refined Wheat Germ Oil	N/A	EP	Triticum Vulgare (Wheat) Germ Oil
MCT Oil	N/A	USP/NF/EP/BP/FCC	Extraction solvents, flavors, solvents

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