



## Polyols and Sugars - Product references

Product	CAS N°	Grade	Technical information	Application	USP	DSP	FF	Packaging size available
Dextrose Monohydrate	77838-63-7, 14431-43-7, 50-99-7	Pharma, injectable	Glucose monohydrate, dextrose monohydrate. Total impurities : 0,5 %(w/w) max. Total aerobic microbial count : 100/g max	USP: carbon and energy source for cell culture media	✓			12, 25 & 50 Kg plastic drums / Single use packagings
Dextrose anhydride	50-99-7	Pharma, injectable	Purified and crystallized D-glucose, anhydrous. Total impurities : 0,5 %(w/w) max. Total aerobic microbial count : 100/g max	USP : in cell culture media	✓			25 & 50 Kg plastic drums / Single use packagings
Sorbitol	50-70-4	Pharma, injectable	D-Glucitol (D-sorbitol). Total of related substances: 3,0 %(w/w) max. Total aerobic microbial count : 100/g max	DSP: protein stabilization/processing aids and osmotic agent during filtration (UF/DF) Final Formulation : stabilizer		✓		12, 25 and 50kg plastic drums / Single use packagings
beta-cyclodextrin	128446-35-5	Pharma, injectable	Hydroxypropyl beta-cyclodextrin. Total impurities (on D.S) : 1 %(w/w) max. Total aerobic microbial count : 1 000 /g max.	DSP : processing aids during filtration (UF/DF) Final Formulation : Stabilizer, alternative solubilizer and Surfactant		✓		1, 10 and 25kg plastic drums/ Single use packagings
Mannitol	69-65-8	Pharma, injectable	D-mannitol Low endotoxins(NMT 1 IU/g)	Final Formulation : Bulking agent for lyophilization and stabilizer			✓	12, 25 and 50kg plastic drums/ Single use packagings
Mannose	3458-28-4	Pharma, injectable		USP: cell culture media	✓			
Maltose	6363-53-7	Pharma, injectable	Low endotoxin	Final Formulation : Solubility enhancer and stabilizer of freeze-dried biologics			✓	25Kg PE Bag
Maltodextrin	9050-36-6	Pharma	Maltodextrin : mixture of glucose, disaccharides and polysaccharides, obtained by the partial hydrolysis of starch. LOD 6,0 %(w/w) max Microbiological values	Final formulation : excipient with low water activity (aw)			✓	25Kg
Starch (maize, pea, wheat)	9005-25-8	Pharma	LOD 6,0 %(w/w) max	Final formulation : Optimized to absorb water and improve formulation stability			✓	25Kg
Potato dextrin	9004-53-9	Pharma	Very soluble in boiling water	USP: nutrient	✓			25 Kg
Sucrose	57-50-1	Pharma, injectable	Sucrose is a non-reducing crystalline disaccharide made up of glucose and fructose High purity Low endotoxin	USP : cryopreservative and media supplement Final formulation : stabilization and preservation of biologics	✓			25Kg
Lactose	63-42-3	Pharma, injectable	Lactose monohydrate Low endotoxin	USP : carbon source for bacteria Final Formulation : stabilization of biologics	✓			25Kg
Trehalose dihydrate	6138-23-4	Pharma, injectable	Trehalose Dihydrate Purity : 99-101% Less than 0.3 EU/g endotoxins	USP : Additive for culture medium (Stem cells) Final Formulation : Stabilizer for biologics	✓			1Kg, 5Kg, 20Kg plastic drum.

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