

Freeze-drying is a basic and effective technique to maintain the bioactivity of microbes, animal tissue, cells and proteins. In order to maximize the survival rate and bioactivity of freeze-dried products, protective agents such as carbohydrates, polyhydric alcohols, polymers, or anhydrous solvents need to be added. As a professional supplier, J&K can provide novel and high quality protective agents for freeze-drying such as trehalose, dextran, α -cyclodextrin, β -cyclodextrin and glycerol.

J&K offers protective agents for freeze-drying :

- High purity levels
- No antigenicity and non-toxic
- High disintegration temperature
- Rehydrate well

Cat. No.	Description	CAS
900523	Albumin, 98%, from bovine serum	9048-46-8
118040	L-Arginine, 99%	74-79-3
181931	α -Cyclodextrin, 98%	10016-20-3
972167	β -Cyclodextrin, 98%	7585-39-9
132840	Dextran, average M.W. 500,000	9004-54-0
925578	Dimethyl sulfoxide, 99.8%	67-68-5
985371	D-(+)-Glucose, ACS reagent	50-99-7
262536	Glycerol, 99%	56-81-5
149332	Glycine, 98%	56-40-6
307213	D-Lactose, 98%	63-42-3
611898	L-Lysine, 98%	56-87-1
351126	D-Mannitol, 98%	69-65-8
938956	Polyvinylpyrrolidone, average M.W. 8,000, K15-19	9003-39-8
968832	Polyvinylpyrrolidone, average M.W. 58,000, K29-32	9003-39-8
902615	Polyvinylpyrrolidone, average M.W. 1,300,000, K85-95	9003-39-8
132204	L-Proline, 99%	147-85-3
971624	D-(+)-Sucrose, 99.9%, for biochemistry	57-50-1
242508	D-(+)-Trehalose, 99%, anhydrous	99-20-7
563051	D-(+)-Trehalose dihydrate, 99%	6138-23-4