



Years

High Purity, Low Endotoxin, Low Metals , GMP grade Critical Ingredients

Suitable for Biopharmaceutical and Pharmaceutical Drug
Formulation and Bio-Production

Product	CAS #	Product Code	Monograph Classification
α,α -Trehalose Dihydrate	6138-23-4	T-104-4	USP/NF, EP, JP, ChP
α,α -Trehalose Dihydrate, Inhalation grade	6138-23-4	T-104-4-IG	USP/NF, EP, JP, ChP
α,α -Trehalose Dihydrate, Low glucose	6138-23-4	T-104-4-LG	USP/NF, EP, JP, ChP
Sucrose (Beet Derived)	57-50-1	S-124-2-MC	USP/NF, EP, JP, ChP
Sucrose (Cane Derived)	57-50-1	S-124-1-MC	USP/NF, EP, JP, ChP
Galactose (Plant Derived)	59-23-8	G-126-3	USP/NF, EP
Galactose (Plant Derived)	59-23-8	G-126-2	USP/NF
L - Arginine	74-79-3	A-170	USP/NF, EP, JP, ChP
L- Arginine Hydrochloride	1119-34-2	A-171	USP, EP, JP, ChP
L- Histidine	71-00-1	H-116	USP, EP, JP, ChP
L- Histidine, Inhalation grade	71-00-1	H-116-IG	USP, EP, JP, ChP
L - Histidine Hydrochloride Monohydrate	5934-29-2	H-117	EP, JP, ChP
Sodium Succinate Anhydrous	150-90-3	D-160	NF
Sodium Succinate Hexahydrate	6106-21-4	D-161	NF, JP
Mannitol	69-65-8	M-109-7	USP/NF, EP, JP, ChP
Mannose	3458-28-4	M-164-2	
Maltose	6363-53-7	M-132-1	USP/NF
Ammonium Lactate (Pharmaceutical Grade)	515-98-0	A-152-1	
Sodium DL-Lactate Solution 60%, USP	72-17-3	S-110	USP
Sodium Gluconate (Low endotoxins)	527-07-1	S-108	USP

Please email cs@pfanstiehl.com for more information

www.pfanstiehl.com