


Pfanstiehl, Inc.

Purity, Quality and Safety

A Global Leader in the Manufacture of cGMP-produced, High Purity, Low Endotoxin, and Low Metals Injectable Grade Excipients and Bioprocessing Solutions.

CARBOHYDRATES

Product	CAS No.	Product Code	Monograph Classification
Trehalose	6138-23-4	T-104-4	NF, EP, JP, ChP
Trehalose, Low Glucose	6138-23-4	T-104-4-LG	NF, EP, JP, ChP
Sucrose (Cane Derived)	57-50-1	S-124-1-MC	NF, EP, JP, ChP
Sucrose (Beet Derived)	57-50-1	S-124-2-MC	NF, EP, JP, ChP
Mannitol	69-65-8	M-109-7	USP, EP, JP, ChP
Maltose	6363-53-7	M-167	NF, JP, ChP
Mannose	3458-28-4	M-164-2	
Galactose (Plant Derived)	59-23-4	G-126-3	NF, EP
Galactose (Lactose Derived)	59-23-4	G-125-1	NF, EP
Glucose	50-99-7		

Pfanstiehl, Inc.

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AMINO ACIDS

Product	CAS No.	Product Code	Monograph Classification
L-Arginine	74-79-3	A-170	USP, EP, JP, ChP
L-Arginine Hydrochloride	1119-34-2	A-171	USP, EP, JP, ChP
L-Histidine	71-00-1	H-116	USP, EP, BP, JP, ChP
L-Histidine Hydrochloride	5934-29-2	H-117	BP, EP, JP, ChP
L-Methionine	63-68-3	M-168	USP, EP, BP, JP, ChP
L-Glutamine	56-85-9	G-137	USP, JP, ChP

BUFFERS

Product	CAS No.	Product Code	Monograph Classification
Sodium Succinate Hexahydrate	6106-21-4	D-161	NF, JPE
Tris Base	77-86-1	T-153	USP, EP, BP, ChP
Tris Hydrochloride	1185-53-1	T-154	

OTHERS

Product	CAS No.	Product Code	Monograph Classification
Methotrexate, MTX	59-05-2		

INHALATION GRADE

Product	CAS No.	Product Code	Monograph Classification
Trehalose, Inhalation Grade	6138-23-4	T-104-4-IG	NF, EP, JP, ChP
Maltose, Inhalation Grade	6363-53-7	M-167-IG	NF, JP, ChP
Mannose, Inhalation Grade	3458-28-4	M-164-2-IG	
L-Arginine, Inhalation Grade	74-79-3	A-170-IG	USP, EP, JP, ChP
L-Arginine HCl, Inhalation Grade	1119-34-2	A-171-IG	USP, EP, JP, ChP
L-Histidine, Inhalation Grade	71-00-1	H-116-IG	USP, EP, BP, JP, ChP
L-Histidine HCl, Inhalation Grade	5934-29-2	H-117-IG	BP, EP, JP, ChP
L-Methionine, Inhalation Grade	63-68-3	M-168-IG	USP, EP, BP, JP, ChP

LARGE VOLUME PARENTERALS

Product	CAS No.	Product Code
Ammonium Lactate (Pharmaceutical Grade)	6138-23-4	515-98-0
Sodium Gluconate, USP (Low Endotoxin)	527-07-1	S-108
Sodium DL-Lactate Solution 60%, USP	72-17-3	S-110



Pfanstiehl, Inc.

- ✓ US-based cGMP Manufacturer with 105 years in Business.
- ✓ Global Market Leader of High Purity, Low Endotoxin, and Low Metals Components for Biologics, Vaccines, Cell Culture Media & Other Injectables.
- ✓ All Products are Designed/Engineered/Manufactured for Biopharmaceutical Formulation and Bioprocessing.
- ✓ Quality Systems are Based on ICH Q7 “Good Manufacturing Practice Guide for Active Pharmaceutical Ingredients”.
- ✓ Auditable facility; 50+ Global Customer audits annually.
- ✓ Security of Supply; Robust Supply Chain and Risk Mitigation.

Development Samples (100g) are Available.

Please visit our Website (www.pfanstiehl.com)

or email cs@pfanstiehl.com for more information.

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