



EXCIPIENTS AND RAW MATERIALS

For pharmaceutical and
biopharmaceutical production

itwreagents.com

The peace of mind of trusting a leading company.

ITW Illinois Tool Works Inc. (NYSE: ITW) is a diversified manufacturing company that delivers specialized expertise, innovative thinking and value-added products to meet critical customer needs in a variety of industries.

FORTUNE 200

\$16.1 Billion
2023 REVENUE

100 years of
EXPERIENCE
founded in 1912

A GLOBAL company, headquartered in Chicago
83 DIVISIONS IN 51 Countries

Highly
INNOVATIVE
organization

19,600+
GRANTED PATENTS AND APPLICATIONS

SEGMENTS

- Automotive OEM
- Specialty products
- Test & measurement and electronics
- Food equipment
- Construction products
- Polymers & fluids
- Welding



OUR VALUES



ITW REAGENTS

In 2010, the ITW Reagents division was formed through the integration of three companies: Panreac Química S.L.U. (Spain), Nova Chimica Srl (Italy, now ITW Reagents S.R.L.), and AppliChem GmbH (Germany). The division combines the experience and expertise of these three well-established companies to offer the highest quality and most innovative products for analysis, research, and production applications.

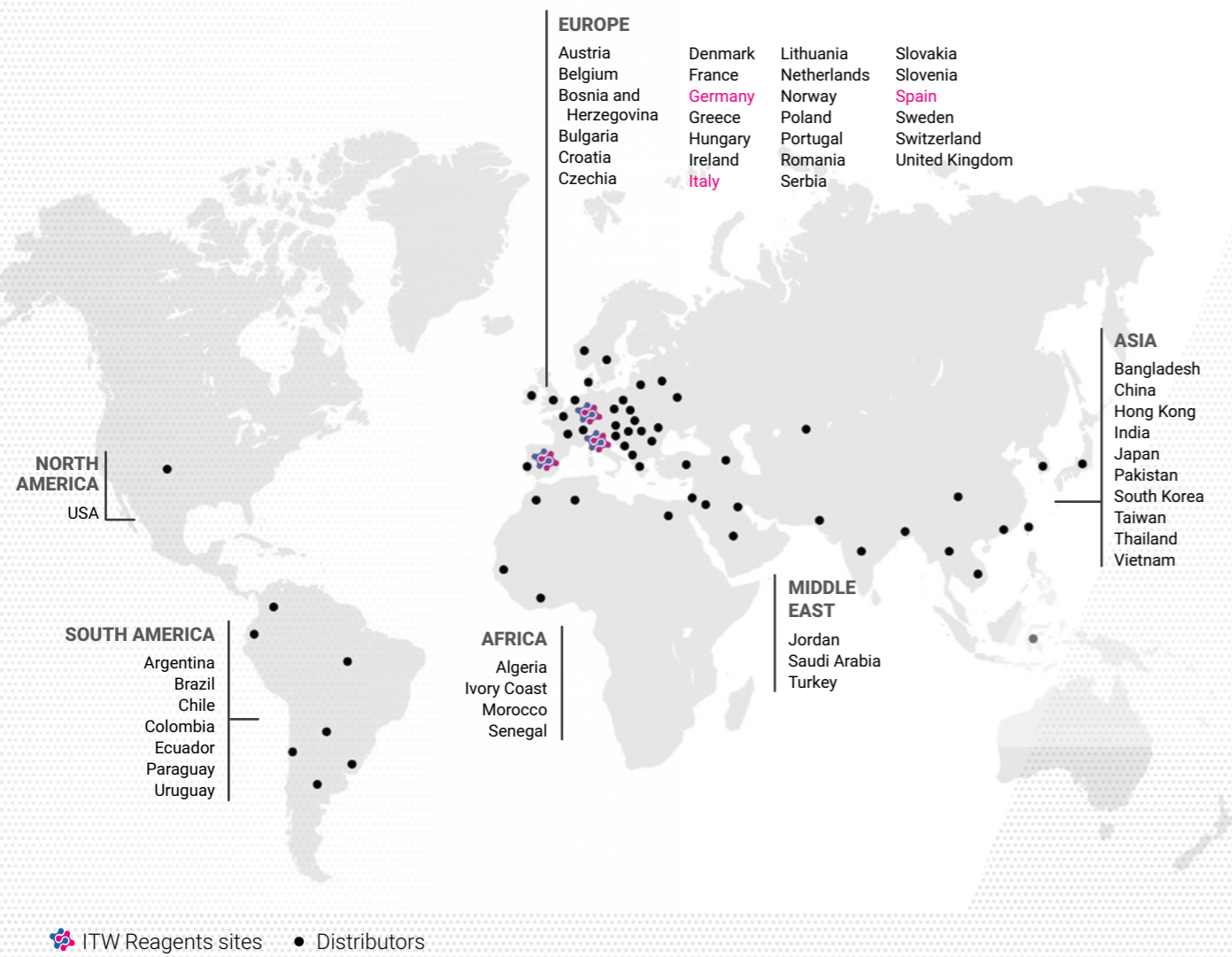


We are convinced that chemistry has an important role in making the urbanized world a better place to live. Our commitment is to contribute with our products to innovative solutions aimed at improving people's quality of life, sustainable development and global solutions.

More than a client-provider, PanReac AppliChem is a natural partner!

WE ARE EVERYWHERE

Nowadays **ITW Reagents** markets its products worldwide through an extensive distribution network in more than 50 countries under the brand **PanReac AppliChem**.



OUR QUALITY POLICY

More than specifications, it is attitude. It is quality in our processes. PanReac AppliChem has an integrated management system implemented in all activities relevant to the following standards:

ISO 9001:2015
Quality Management

ISO 14001:2015
Environmental Protection

ISO 45001:2018
Occupational Health and Safety Management

IPEC/PQG GMP
Guide for Pharmaceutical Excipients

ISO 9001 SGS SYSTEM CERTIFICATION

ISO 14001 SGS SYSTEM CERTIFICATION

ISO 45001 SGS SYSTEM CERTIFICATION

iPEC EUROPE

BRONZE | Top 35%
ecovadis
Sustainability Rating
JUL 2024

ECOVADIS
Sustainability Certification
Bronze medal

- Full traceability
- Self assessment documentation
- Strict working conditions
- High quality and safe raw materials
- Regulatory certificates
- Detailed processes
- Selected range of IPC grade products



“Quality is not an act, it is a habit”
Aristotle, Greek philosopher and scientist (384 BC – 322 BC)

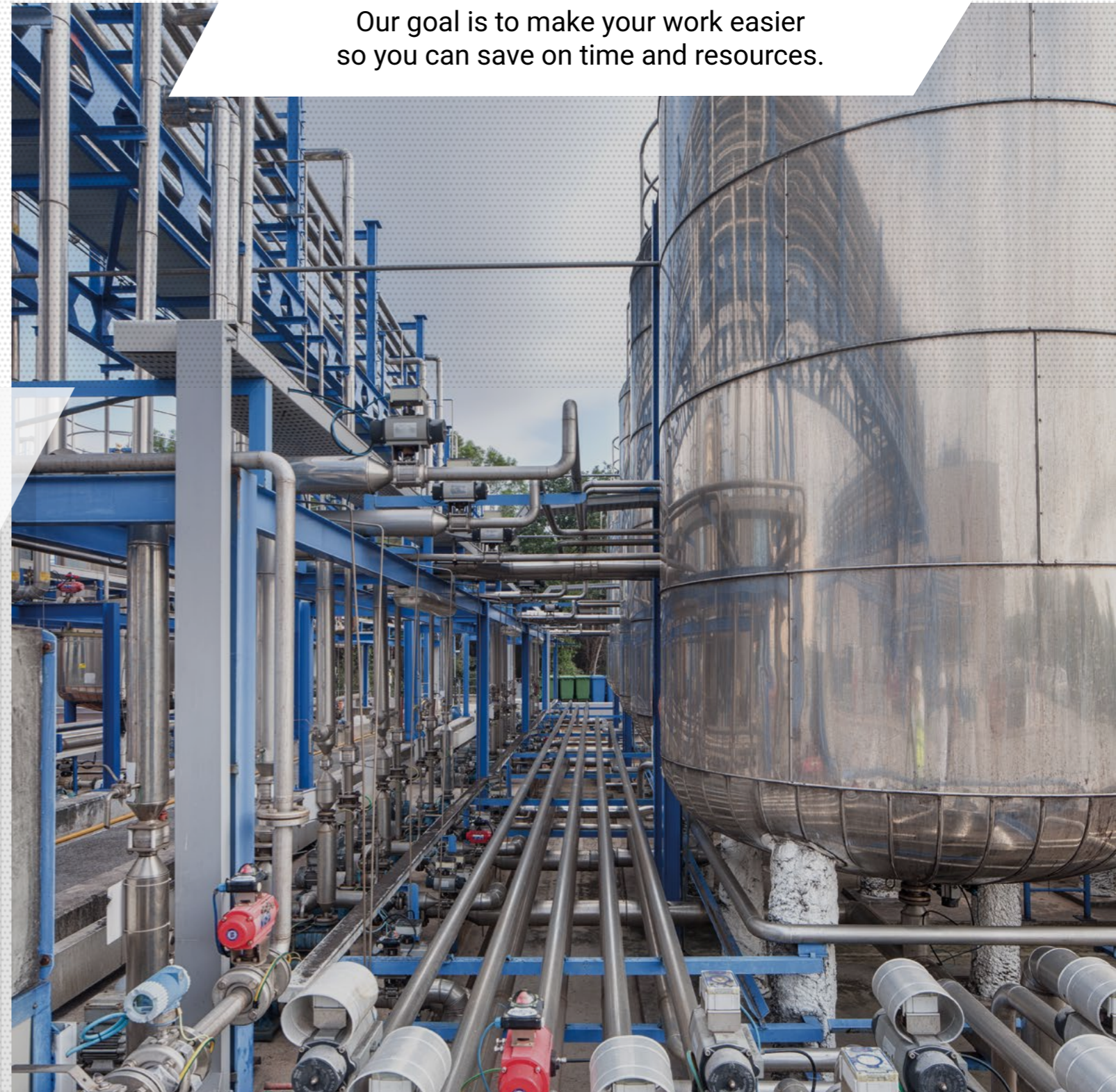
OUR OFFER

We have been accompanying the pharmaceutical industry in the development of its products for more than 80 years. Selecting, analyzing, producing and supplying the best **raw materials** for their manufacturing processes and the most suitable **excipients** for the final formulation.

- Acids & bases
- Inorganic salts
- Solvents
- Buffers
- Amino acids
- Vitamins
- Carbohydrates
- Specialty chemicals
- Detergents

PanReac
AppliChem
ITW Reagents

Our goal is to make your work easier
so you can save on time and resources.



WHY US: SERVICE AND BENEFITS

- **Exceptional know-how** and a wide range of chemicals and biochemicals for a great diversity of applications.
- **European production** committed to corporate social responsibility (CSR).
- **Clear communication channel** through our sales force and customer service team, and efficient global distribution network.
- **Qualified management team** fully engaged to our business project.
- **Environmental responsibility** committed to continuous improvement in reducing greenhouse gas (GHG) emissions.



Providing experience and quality to the pharmaceutical industry.

Understanding your needs through close communication

Providing the technical know-how to explore our mutual possibilities

Finding the best solution for your application

Customer Satisfaction:
Our Satisfaction



OUR FACILITIES

The ITW Reagents division has **two production plants** in Darmstadt (Germany) and Barcelona (Spain). We have invested and developed state-of-the-art, purpose-built facilities to meet the needs of our customers. Both sites offer high quality, scalability and flexibility for small to large scale production.



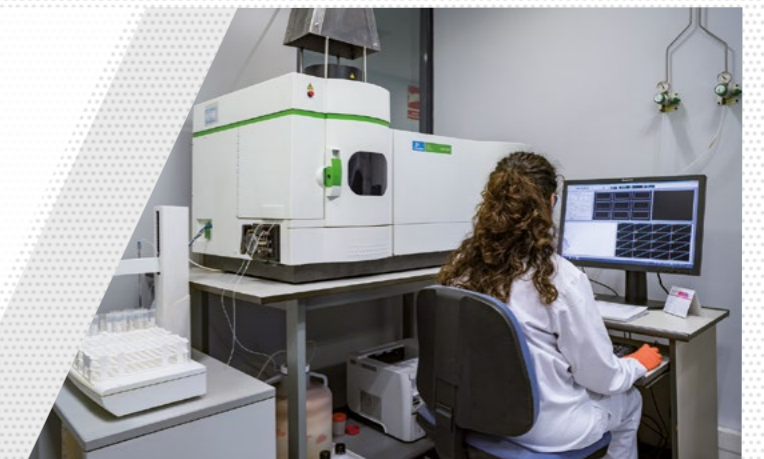
ANALYTICAL CAPABILITIES

Through our commitment to quality, we aim to satisfy the needs of our customers, whilst safeguarding the health and safety of our employees, respecting the environment, and managing and guaranteeing the quality of our processes, services, and products.

Our laboratories monitor compliance with the specifications of the main pharmacopoeias (USP, Ph. Eur.) and the regulations on raw materials and finished products. We apply general analysis techniques, checking for trace metal impurities, using chromatography to determine solvent purity, detecting impurities as well as conducting microbiological tests.



We want to assure our customers that we fully share their commitment to caring for the environment whilst maintaining the highest standards of quality.



Product code	Product name	CAS number	Product category
A1060	ACES for buffer solutions	7365-82-4	Buffers
165323	Acetaldehyde, 99% (Flavoring) for synthesis	75-07-0	Solvents
196884	Acetic Acid 25% w/w pharma grade	64-19-7	Acids
196358	Acetic Acid 36% w/w pharma grade	64-19-7	Acids
141008	Acetic Acid glacial (USP, BP, Ph. Eur.) pure, pharma grade	64-19-7	Acids
141007	Acetone (USP, BP, Ph. Eur.) pure, pharma grade	67-64-1	Solvents
A8174	N-Acetyl-L-Cysteine BioChemica (non animal origin)	616-91-1	Vitamins & amino acids
637763	N-Acetyl-DL-tryptophan (BP, Ph. Eur.) low endotoxin	87-32-1	Vitamins & amino acids
A3198	L-Alanyl-L-Glutamine for cell culture	39537-23-0	Vitamins & amino acids
141097	Aluminium Chloride 6-hydrate (USP, BP, Ph. Eur.) pure, pharma grade	7784-13-6	Salts & minerals
141103	Aluminium Potassium Sulfate 12-hydrate (USP, BP, Ph. Eur.) pure, pharma grade	7784-24-9	Salts & minerals
131103	Aluminium Potassium Sulphate 12-hydrate for analysis, ACS	7784-24-9	Salts & minerals
63B764	6-Aminohexanoic Acid (Ph. Eur., BP, USP) IPEC grade	60-32-2	Acids
A0838	2-Amino-2-Methyl-1-Propanol for buffer solutions	124-68-5	Solvents
141129	Ammonia 25% (as NH ₃) (BP, Ph. Eur.) pure, pharma grade	1336-21-6	Bases
NC1129	Ammonia 25% (as NH ₃) for analysis	1336-21-6	Bases
131130	Ammonia 30% (as NH ₃) for analysis, ACS	1336-21-6	Bases
141115	Ammonium Benzoate pure	1863-63-4	Salts & minerals
141368	Ammonium Iron(II) Sulphate 6-hydrate pure	7783-85-9	Salts & minerals
Z44653	L-Arginine mono-Hydrochloride (USP, BP, Ph. Eur., JP) low endotoxin pure, pharma grade	1119-34-2	Vitamins & amino acids
147755	L-Asparagin anhydrous (USP-NF) pure, pharma grade	70-47-3	Vitamins & amino acids
A1668	L-Asparagine 1-hydrate (Ph. Eur.) pure, pharma grade	5794-13-8	Vitamins & amino acids
A1701	L-Aspartic Acid (Ph. Eur., USP) pure, pharma grade	56-84-8	Vitamins & amino acids
141014	Benzoic Acid (USP, BP, Ph. Eur.) pure, pharma grade	65-85-0	Acids
162720	Benzoyl Chloride, 99% for synthesis	98-88-4	Others
191081	Benzyl Alcohol (Ph. Eur.) pure, pharma grade	100-51-6	Solvents
141081	Benzyl Alcohol (USP-NF, BP, Ph. Eur.) pure, pharma grade	100-51-6	Solvents
Z41081	Benzyl Alcohol pure, pharma grade	100-51-6	Solvents
141015	Boric Acid (USP-NF, BP, Ph. Eur.) pure, pharma grade	10043-35-3	Acids
A1012	1-Butanesulfonic Acid sodium salt IPC grade	2386-54-1	Salts & minerals

Product code	Product name	CAS number	Product category
141082	1-Butanol (USP-NF) pure, pharma grade	71-36-3	Solvents
144233	Butylhydroxyanisole (BP, Ph. Eur.) pure, pharma grade	25013-16-5	Others
Z44233	Butylhydroxyanisole (USP-NF, BP, Ph. Eur.) pure, pharma grade	25013-16-5	Others
Z42825	Butylhydroxytoluene (BP, Ph. Eur.) pure, pharma grade	128-37-0	Others
A2621	tert-Butylmethylether for analysis grade	1634-04-4	Others
191232	Calcium Chloride 2-hydrate powder (USP, BP, Ph. Eur.) pharma grade	10035-04-8	Salts & minerals
SF1231	Calcium Nitrate 4-hydrate for analysis	13477-34-4	Salts & minerals
144564	Castor Oil (BP, Ph. Eur.) pure, pharma grade	8001-79-4	Greases, oils & paraffins
15A676	Chlorosulphonic Acid, 98% for synthesis	7790-94-5	Acids
AT2014	Chromium(III) Chloride 6-hydrate pure	10060-12-5	Salts & minerals
141018	Citric Acid 1-hydrate (USP, BP, Ph. Eur., JP) pure, pharma grade	5949-29-1	Acids
141808	Citric Acid anhydrous (USP, BP, Ph. Eur., JP) pure, pharma grade	77-92-9	Acids
197012	Citric Acid solution 15% w/v pharma grade	77-92-9	Acids
196073	Collodion Castor (Ph. Fr.) pharma grade	--	Others
197175	Collodion flexible (BP) pharma grade	--	Others
141278	Collodion solution 4% w/v (USP) pure, pharma grade	--	Others
141270	Copper(II) Sulfate 5-hydrate (BP, Ph. Eur.) pure, pharma grade	7758-99-8	Salts & minerals
15B675	Cystaminium Dichloride, 99% for synthesis	56-17-7	Others
A1703	L-Cystine (Ph. Eur.) pure, pharma grade	56-89-3	Vitamins & amino acids
637765	L-Cystine Dihydrochloride low endotoxin, pharma grade	30925-07-6	Vitamins & amino acids
A0622	L-Cystine Dihydrochloride pure	30925-07-6	Vitamins & amino acids
A1001	DAPI BioChemica	28718-90-3	Dyes, stains & indicators
A2265	2'-Deoxythymidine BioChemica	50-89-5	Nucleosides, nucleotides and nucleic acids
A8479	Dextran 70 (Ph. Eur.) pure, Pharma grade	9004-54-0	Sugars
631254	Dichloromethane dry (max. 0,005% water) stabilized with ~ 20 ppm of amylene (USP-NF, BP, Ph. Eur.) pharma grade	75-09-2	Solvents
141254	Dichloromethane stabilized with ~ 20 ppm amylene (USP-NF, BP, Ph. Eur.) pure, pharma grade	75-09-2	Solvents
191287	Diethanolamine (USP-NF) pharma grade	111-42-2	Solvents
633145	N,N-Dimethylacetamide (BP, Ph. Eur.) pharma grade	127-19-5	Solvents
143145	N,N-Dimethylacetamide (BP, Ph. Eur.) pure, pharma grade	127-19-5	Solvents
A1760	N,N-Dimethylformamide for analysis grade	68-12-2	Solvents

Product code	Product name	CAS number	Product category
15B496	Dimethylmethoxy Chromanol for synthesis	83923-51-7	Others
191954	Dimethyl Sulfoxide (USP, BP, Ph. Eur.) pharma grade	67-68-5	Solvents
Z4C393	DPTA Calcium and Trisodium salt x-hydrate (Ph. Eur.) low endotoxin IPEC grade	12111-24-9	Salts & minerals
A1102	DTE BioChemica	6892-68-8	Protein biochemistry
A1101	DTT BioChemica	3483-12-3	Protein biochemistry
141669	EDTA Disodium Salt 2-hydrate (USP, BP, Ph. Eur.) pure, pharma grade	6381-92-6	Salts & minerals
144108	EDTA Tripotassium Salt 2-hydrate pure	65501-24-8	Salts & minerals
A5603	EDTA Tripotassium salt dihydrate pure	65501-24-8	Salts & minerals
A0878	EGTA for molecular biology	67-42-5	Acids
631085	Ethanol 96% v/v (Ph. Eur, BP, USP) IPEC grade	64-17-5	Solvents
141085	Ethanol 96% v/v (USP, BP, Ph. Eur.) pure, pharma grade	64-17-5	Solvents
631086	Ethanol absolute (Ph. Eur, BP, USP, JP) low endotoxin, IPEC grade	64-17-5	Solvents
191086	Ethanol absolute (USP, BP, Ph. Eur.) pharma grade	64-17-5	Solvents
141086	Ethanol absolute pure	64-17-5	Solvents
191318	Ethyl Acetate (BP, Ph. Eur.) pharma grade	141-78-6	Salts & minerals
141316	Ethylene Glycol pure	107-21-1	Solvents
A2252	Ficoll® 400 BioChemica	26873-85-8	Sugars
A7092	Folic Acid crystalline (Ph. Eur., USP) pure, pharma grade	59-30-3	Vitamins & amino acids
141328	Formaldehyde 37-38% w/w stabilized with methanol (USP, BP, Ph. Eur.) pure, pharma grade	50-00-0	Solvents
A8626	Formic Acid 4 M	64-18-6	Acids
142728	D(-)-Fructose (USP, BP, Ph. Eur.) pure, pharma grade	57-48-7	Sugars
142344	Fumaric Acid (USP-NF) pure, pharma grade	110-17-8	Acids
Z42173	D(+)-Galactose (Ph. Eur.) low endotoxin pure, pharma grade	59-23-4	Sugars
633140	D(+)-Glucose 1-hydrate (Ph. Eur, BP, USP) IPEC grade	5996-10-1	Sugars
A1349	D(+)-Glucose 1-hydrate BioChemica	14431-43-7	Sugars
141341	D(+)-Glucose anhydrous (USP, BP, Ph. Eur.) pure, pharma grade	50-99-7	Sugars
A1704	L-Glutamic Acid (Ph. Eur., USP) pure, pharma grade	56-86-0	Vitamins & amino acids
A1420	L-Glutamine (DAB, USP) pure, pharma grade	56-85-9	Vitamins & amino acids
631339	Glycerol (Ph. Eur, BP, USP) IPEC grade	56-81-5	Greases, oils & paraffins
141339	Glycerol (USP, BP, Ph. Eur.) pure, pharma grade	56-81-5	Greases, oils & paraffins
142329	Glycerol 87% (BP, Ph. Eur.) pharma grade, BioChemica	56-81-5	Greases, oils & paraffins

Product code	Product name	CAS number	Product category
131340	Glycine (Reag. USP) for analysis, ACS	56-40-6	Vitamins & amino acids
141340	Glycine (USP, BP, Ph. Eur.) pure, pharma grade	56-40-6	Vitamins & amino acids
A1499	Guanidine Hydrochloride BioChemica	50-01-1	Protein biochemistry
A1107	Guanidine Thiocyanate for molecular biology	593-84-0	Protein biochemistry
Z46543	Guanosine low endotoxin, pure grade	118-00-3	Nucleosides, nucleotides and nucleic acids
517885	Heart Infusion Broth (Dehydrated) for cell culture		Microbiology & cell culture
A1069	HEPES for buffer solutions	7365-45-9	Buffers
A3268	HEPES for cell culture	7365-45-9	Buffers
A1071	HEPPS for buffer solutions	16052-06-5	Buffers
15A165	3-Hexanol, 98% for synthesis	623-37-0	Solvents
143006	Hydrochloric Acid 10% (Ph. Eur., USP-NF) pure, pharma grade	7647-01-0	Acids
IG2108	Hydrochloric Acid 2 mol/l (2N) pharma grade	7647-01-0	Acids
A0658	Hydrochloric Acid 25% for analysis grade	7647-01-0	Acids
141020	Hydrochloric Acid 37% (USP-NF, BP, Ph. Eur.) pure, pharma grade	7647-01-0	Acids
131020	Hydrochloric Acid 37% for analysis, ACS, ISO	7647-01-0	Acids
192109	Hydrochloric Acid 5 mol/l (5N) pharma grade	7647-01-0	Acids
141077	Hydrogen Peroxide 33% stabilized (USP, BP, Ph. Eur.) pure, pharma grade	7722-84-1	Others
A0700	Hypoxanthine BioChemica	68-94-0	Nucleosides, nucleotides and nucleic acids
A7729	Hypoxanthine Sodium Salt BioChemica	45738-97-4	Nucleosides, nucleotides and nucleic acids
172536	Imidazole	288-32-4	Others
IG2536	Imidazole pure	288-32-4	Others
141771	Iodine resublimed pearls (USP, BP, Ph. Eur.) pure, pharma grade	7553-56-2	Elements & elemental solutions
A7211	IPTG from plant origin galactose, dioxane free	367-93-1	Nucleosides, nucleotides and nucleic acids
147204	Iron(III) Chloride 6-hydrate solution high pure, pharma grade	7705-08-0	Salts & minerals
196997	Iron(III) Chloride solution 14% w/w (as Fe) pharma grade	7705-08-0	Salts & minerals
141362	Iron(II) Sulfate 7-hydrate (USP, BP, Ph. Eur.) pure, pharma grade	7782-63-0	Salts & minerals
A1138	α-Ketoglutaric Acid BioChemica	328-50-7	Acids
A0982	L(+)-Lactic Acid Lithium Salt crystalline BioChemica	27848-80-2	Salts & minerals

Product code	Product name	CAS number	Product category
A4065	DL-a-Lipoic Acid BioChemica	1077-28-7	Acids
A1342	L-Lysine 1-hydrate (DAB) pure, pharma grade	39665-12-8	Vitamins & amino acids
141396	Magnesium Chloride 6-hydrate (BP, Ph. Eur.) pure, pharma grade	7791-18-6	Salts & minerals
631396	Magnesium Chloride 6-hydrate (Ph. Eur., BP) IPEC grade	7791-18-6	Salts & minerals
141945	Magnesium metal, filings pure	7439-95-4	Elements & elemental solutions
631404	Magnesium Sulfate 7-hydrate (Ph. Eur, BP) IPEC grade	10034-99-8	Salts & minerals
141404	Magnesium Sulfate 7-hydrate (USP, BP, Ph. Eur.) pure, pharma grade	10034-99-8	Salts & minerals
SC1673	Magnesium Sulphate 65% dry, powder pure	7487-88-9	Salts & minerals
142067	D(-)-Mannitol (USP, BP, Ph. Eur.) pure, pharma grade	69-65-8	Sugars
A1386	MEGA-8	85316-98-9	Detergents
141091	Methanol (USP-NF, BP, Ph. Eur.) pure, pharma grade	67-56-1	Solvents
15C638	7-Methoxy-6-Palmitoyl-2,2-Dimethylchroman for synthesis	--	Others
15C074	2-Methylfuran, 99% for synthesis	534-22-5	Solvents
143080	1-Methyl-2-Pyrrolidone (BP, Ph. Eur.) pure, pharma grade	872-50-4	Solvents
141348	2-Methyl-2,4-Pentanediol (USP-NF) pure, pharma grade	107-41-5	Solvents
177002	Mixture 2-Propanol / Ethyl Acetate 89:11 RE	--	Others
A4517	MOPS Hemisodium Salt for buffer solutions	117961-20-3	Buffers
A7489	Morpholine for synthesis	110-91-8	Others
15A828	Morpholinium Iodide for synthesis	58464-45-2	Others
A1394	NADP Sodium Salt	1184-16-3	Nucleosides, nucleotides and nucleic acids
141038	Nitric Acid fuming pure	7697-37-2	Acids
A1944	Novobiocin Sodium Salt BioChemica	1476-53-5	Hormones & Antibiotics
632786	Octanoic Acid (BP, Ph. Eur., USP-NF, ChP) low endotoxin, IPEC grade	124-07-2	Acids
Z46373	n-Octyl-β-D-Glucopyranoside pure	29836-26-8	Nucleosides, nucleotides and nucleic acids
142659	Oleic Acid (Ph. Eur., USP) pure, pharma grade	112-80-1	Acids
145208	Pepsin 1:10.000 NF	9001-75-6	Enzymes and coenzymes
191315	Petroleum Ether 40-60°C (DAB) pharma grade	--	Others
141323	Phenol 90% aqueous solution (USP) pure, pharma grade	108-95-2	Solvents
A8582	ortho-Phosphoric Acid (1.33 M)	7664-38-2	Acids
A9787	ortho-Phosphoric Acid 1 M, filtered through 0.22 µm filter	7664-38-2	Acids

Product code	Product name	CAS number	Product category
141032	ortho-Phosphoric Acid 85% (USP-NF, BP, Ph. Eur.) pure, pharma grade	7664-38-2	Acids
A3235	Piperidine 99%	110-89-4	Solvents
A1288	Pluronic® F-68 BioChemica	9003-11-6	Detergents
A0999	PMSF BioChemica	329-98-6	Protein biochemistry
141509	Potassium di-Hydrogen Phosphate (USP-NF, BP, Ph. Eur.) pure, pharma grade	7778-77-0	Salts & minerals
131509	Potassium di-Hydrogen Phosphate for analysis, ACS	7778-77-0	Salts & minerals
141515	Potassium Hydroxide 85% pellets (USP-NF, BP, Ph. Eur.) pure, pharma grade	1310-58-3	Bases
141524	Potassium Nitrate without anticaking (BP, Ph. Eur.) pure, pharma grade	7757-79-1	Salts & minerals
141490	Potassium Carbonate pure	584-08-7	Salts & minerals
191494	Potassium Chloride (USP, BP, Ph. Eur.) pharma grade	7447-40-7	Salts & minerals
141512	di-Potassium Hydrogen Phosphate anhydrous (BP, Ph. Eur.) pure, pharma grade	7758-11-4	Salts & minerals
631090	2-Propanol (Ph. Eur, BP, USP-NF) IPEC grade	67-63-0	Solvents
141090	2-Propanol (USP, BP, Ph. Eur.) pure, pharma grade	67-63-0	Solvents
161090	2-Propanol, 99,7% for synthesis	67-63-0	Solvents
141545	1,2-Propanediol (USP, BP, Ph. Eur., JP) pure, pharma grade	57-55-6	Solvents
A8732	Propionamide for synthesis	79-05-0	Others
15A983	Propionic Anhydride for synthesis	123-62-6	Others
A2217	Putrescine dihydrochloride	333-93-7	Others
A0960	Pyridoxal Hydrochloride BioChemica	65-22-5	Vitamins & amino acids
A8093	Pyridoxine Hydrochloride (Ph. Eur., USP) pure, pharma grade	58-56-0	Vitamins & amino acids
142363	SDS (USP-NF, BP, Ph. Eur.) pure, pharma grade	151-21-3	Detergents
631632	Sodium Acetate 3-hydrate (Ph. Eur, BP, USP) IPEC grade	6131-90-4	Salts & minerals
141632	Sodium Acetate 3-hydrate (USP, BP, Ph. Eur.) pure, pharma grade	6131-90-4	Salts & minerals
191632	Sodium Acetate 3-hydrate (USP, BP, Ph. Eur.), pharma grade	6131-90-4	Salts & minerals
636454	Sodium Caprylate (Ph. Eur., BP, USP-NF) low endotoxin, IPEC grade	1984-06-1	Salts & minerals
141647	Sodium Carbonate 10-hydrate pure	6132-02-1	Salts & minerals
131648	Sodium Carbonate anhydrous (Reag. Ph. Eur.) for analysis, ACS	497-19-8	Salts & minerals
141648	Sodium Carbonate anhydrous (USP-NF, BP, Ph. Eur.) pure, pharma grade	497-19-8	Salts & minerals
A9683	Sodium Chloride - Solution (4 M), filtered through 0.22 µm filter	7647-14-5	Salts & minerals
631659	Sodium Chloride (Ph. Eur, BP, USP) low endotoxin, IPEC grade	7647-14-5	Salts & minerals
141659	Sodium Chloride (USP, BP, Ph. Eur., JP) pure, pharma grade	7647-14-5	Salts & minerals

Product code	Product name	CAS number	Product category
131965	Sodium di-Hydrogen Phosphate 1-hydrate (Reag. Ph. Eur.) for analysis, ACS	10049-21-5	Salts & minerals
141965	Sodium di-Hydrogen Phosphate 1-hydrate (USP, BP) pure, pharma grade	10049-21-5	Salts & minerals
141677	Sodium di-Hydrogen Phosphate 2-hydrate (USP, BP, Ph. Eur.) pure, pharma grade	13472-35-0	Salts & minerals
Z92018	Sodium di-Hydrogen Phosphate anhydrous (USP) low endotoxin, pharma grade	7558-80-7	Salts & minerals
141675	Sodium Fluoride (USP) pure, pharma grade	7681-49-4	Salts & minerals
143289	Sodium Formaldehyde Sulfoxylate x-hydrate (USP-NF) pure, pharma grade	149-44-0	Salts & minerals
631638	Sodium Hydrogen Carbonate (Ph. Eur, BP, USP) IPEC grade	144-55-8	Salts & minerals
141638	Sodium Hydrogen Carbonate (USP, BP, Ph. Eur.) pure, pharma grade	144-55-8	Salts & minerals
192415	Sodium Hydroxide 1 mol/l (1N) pharma grade	1310-73-2	Bases
193508	Sodium Hydroxide 10 mol/l (10N) pharma grade	1310-73-2	Bases
192159	Sodium Hydroxide 5 mol/l (5N) pharma grade	1310-73-2	Bases
AL6406	Sodium Hydroxide 6 mol/l (6N) pharma grade	1310-73-2	Bases
145881	Sodium Hydroxide micropearls (USP-NF) pure, pharma grade	1310-73-2	Bases
141929	Sodium Hydroxide pearls (USP-NF, BP, Ph. Eur.) pure, pharma grade	1310-73-2	Bases
631687	Sodium Hydroxide pellets (Ph. Eur, BP, USP, JP) IPEC grade	1310-73-2	Bases
141687	Sodium Hydroxide pellets (USP-NF, BP, Ph. Eur.) pure, pharma grade	1310-73-2	Bases
A8603	Sodium Hydroxide solution (4M)	1310-73-2	Bases
LZ3402	Sodium Hydroxide solution 25% w/w pure, pharma grade	1310-73-2	Bases
Z44320	Sodium Hydroxide solution 30% w/w pure, pharma grade	1310-73-2	Bases
144320	Sodium Hydroxide solution 30% w/w pure, pharma grade	1310-73-2	Bases
141571	Sodium Hydroxide solution 50% w/v pure	1310-73-2	Bases
NQ2404	Sodium Hydroxide solution 50% w/w for analysis	1310-73-2	Bases
192404	Sodium Hydroxide solution 50% w/w pure, pharma grade	1310-73-2	Bases
Z41678	di-Sodium Hydrogen Phosphate 12-hydrate (USP, BP, Ph. Eur.) pure, pharma grade	10039-32-4	Salts & minerals
141678	di-Sodium Hydrogen Phosphate 12-hydrate (USP, BP, Ph. Eur.) pure, pharma grade	10039-32-4	Salts & minerals
142507	di-Sodium Hydrogen Phosphate 2-hydrate (USP, BP, Ph. Eur.) pure, pharma grade	10028-24-7	Salts & minerals
141679	di-Sodium Hydrogen Phosphate anhydrous (USP, BP, Ph. Eur.) pure, pharma grade	7558-79-4	Salts & minerals
IG1679	di-Sodium Hydrogen Phosphate anhydrous pure, pharma grade	7558-79-4	Salts & minerals

Product code	Product name	CAS number	Product category
141683	Sodium L-Glutamate 1-hydrate (USP) pure, pharma grade	6106-04-3	Vitamins & amino acids
Z41683	Sodium L-Glutamate 1-hydrate (USP-NF) low endotoxin, pharma grade	6106-04-3	Vitamins & amino acids
A1530	Sodium Pyruvate for analysis	113-24-6	Salts & minerals
141710	tetra-Sodium Pyrophosphate 10-hydrate pure	13472-36-1	Salts & minerals
192756	Sodium Selenite anhydrous (BP) pharma grade	10102-18-8	Salts & minerals
142970	Sodium Stannate 3-hydrate pure	12209-98-2	Salts & minerals
141721	Sodium Thiosulfate 5-hydrate (USP, BP, Ph. Eur.) pure, pharma grade	10102-17-7	Salts & minerals
141055	Sorbic Acid (BP, Ph. Eur.) pure, pharma grade	110-44-1	Acids
A0674	Spermidine BioChemica	124-20-9	Protein biochemistry
A0672	Spermine BioChemica	71-44-3	Protein biochemistry
A7080	Spermine Tetrahydrochloride BioChemica	306-67-2	Protein biochemistry
131883	Succinic Acid (Reag. USP, Ph. Eur.) for analysis, ACS	110-15-6	Acids
141621	D(+)-Sucrose (USP-NF, BP, Ph. Eur., JP) pure, pharma grade	57-50-1	Sugars
631621	D(+)-Sucrose (USP-NF, BP, Ph. Eur.) low endotoxin, IPEC grade	57-50-1	Sugars
141058	Sulfuric Acid 95-98% (USP-NF, BP, Ph. Eur.) pure, pharma grade	7664-93-9	Acids
131058	Sulfuric Acid 96% for analysis, ISO	7664-93-9	Acids
163537	Tetrahydrofuran, 99.5% stabilized with ~ 300 ppm of BHT for synthesis	109-99-9	Salts & minerals
141067	Trichloroacetic Acid (BP, Ph. Eur.) pure, pharma grade	76-03-9	Acids
145300	1,1,1-Trichloro-2-Methyl-2-Propanol 1/2-hydrate (BP, Ph. Eur.) pure, pharma grade	6001-64-5	Others
Z91750	Triethanolamine (BP, Ph. Eur., USP-NF) pharma grade	102-71-6	Bases
191750	Triethanolamine (BP, Ph. Eur., USP-NF) pharma grade	102-71-6	Bases
141750	Triethanolamine (USP-NF) pure, pharma grade	102-71-6	Bases
A1423	Triethanolamine BioChemica	102-71-6	Bases
A3845	Triethylamine BioChemica	121-44-8	Others
141940	Tris (USP, BP, Ph. Eur.) pure, pharma grade	77-86-1	Buffers
Z41940	Tris (USP, BP, Ph. Eur.), low endotoxin	77-86-1	Buffers
633654	Tris Hydrochloride low endotoxin, pharma grade	1185-53-1	Buffers
631655	tri-Sodium Citrate 2-hydrate (Ph. Eur, BP, USP) IPEC grade	6132-04-3	Salts & minerals
141655	tri-Sodium Citrate 2-hydrate (USP, BP, Ph. Eur.) pure, pharma grade	6132-04-3	Salts & minerals
A3901	tri-Sodium Citrate 2-hydrate BioChemica	6132-04-3	Salts & minerals
513820	Tryptone Soy Broth (TSB) (Ph. Eur., USP, ISO) (Dehydrated Culture Media) for cell culture		Microbiology & cell culture
Z42312	Tween® 20 (RFE, USP-NF, BP, Ph. Eur.) pure, pharma grade	9005-64-5	Detergents

Product code	Product name	CAS number	Product category
162312	Tween® 20 for synthesis	9005-64-5	Detergents
A1677	L-Tyrosine (Ph. Eur., USP) pure, pharma grade	60-18-4	Vitamins & amino acids
191754	Urea crystalline (USP, BP, Ph. Eur.) pharma grade	57-13-6	Others
A5470	Urea crystalline for analysis grade	57-13-6	Others
A0666	Uridine BioChemica	58-96-8	Nucleosides, nucleotides and nucleic acids
A1536	Urobilinogen	14684-37-8	Enzymes and coenzymes
A9540	Urobilinogen (powder)	14684-37-8	Enzymes and coenzymes
141003	Vaseline Oil (USP, BP, Ph. Eur.) pure, pharma grade	8012-95-1	Greases, oils & paraffins
A8454	Vitamin B12 (Ph. Eur.) pure, pharma grade	68-19-9	Vitamins & amino acids
A1552	Yeast extract BioChemica	8013-01-2	Microbiology & cell culture
141787	Zinc Sulfate 7-hydrate (USP, BP, Ph. Eur.) pure, pharma grade	7446-20-0	Salts & minerals
131787	Zinc Sulfate 7-hydrate for analysis, ACS	7446-20-0	Salts & minerals

This is a selection of products. If you are interested in a specific product that is not listed, please contact us at biopharma@itwreagents.com

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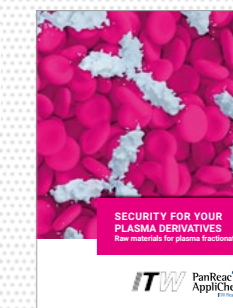
Raw materials
for cell culture media production



Excipients
for vaccine formulation



Raw materials
for plasma fractionation



Low endotoxin
raw materials



High-quality
chemicals for
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Solvents in
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