



**HIGH-QUALITY CHEMICALS
FOR CLEANING IN PLACE
(CIP)**

TW

PanReac
AppliChem
ITW Reagents

One of the critical aims in **pharma and biopharma processes** is guarantee and maintain the cleanliness of the equipment for **high-purity pharmaceutical manufacturing**.

Cleaning In Place (CIP) is the most common procedure for equipment sanitization. CIP means:

- Increase efficiency (time saving)
- Prevention of cross contamination
- Production yield and quality improvement

ITW Reagents, as specialist in high-quality chemicals for pharmaceutical applications, is your strategic partner to support the best implementation of Cleaning In Place.



Why us?

- Wide range of chemicals and biochemicals
- High-purity products
- Suitable for pharma industry:

Clean room

Supply chain visibility

Quality agreement

Audit

Change control

ISO certified: ISO 9001, ISO 14001 & ISO 45001

Regulatory documentation

IPEC compliance

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

ITW Reagents portfolio

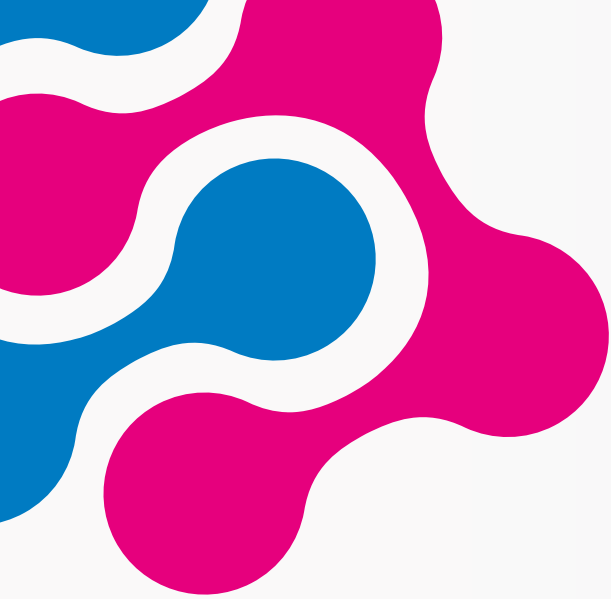
We can offer an interesting portfolio of chemicals in compliance with the most high-quality standard and common pharmacopeias, available with high flexibility of pack sizes. Our standard packaging goes up to 1000 L for liquid forms and 25 kg for solids.

Product code	Product name	CAS number
141008	Acetic Acid glacial pure, pharma grade	64-19-7
196358	Acetic Acid 36% pharma grade	64-19-7
196884	Acetic Acid 25% w/w pharma grade	64-19-7
141018	Citric Acid 1-hydrate pure, pharma grade	5949-29-1
141808	Citric Acid anhydrous pure, pharma grade	77-92-9
197012	Citric Acid 15% pharma grade	77-92-9
631086	Ethanol absolute IPEC grade	64-17-5
191086	Ethanol absolute pharma grade	64-17-5
141086	Ethanol absolute pure	64-17-5
631085	Ethanol 96% v/v IPEC grade	64-17-5
141085	Ethanol 96% v/v pure, pharma grade	64-17-5
212800	Ethanol 96% v/v partially denatured technical grade	64-17-5
141316	Ethylene Glycol pure	107-21-1
141020	Hydrochloric Acid 37% pure, pharma grade	7647-01-0
143006	Hydrochloric Acid 10% w/w pure, pharma grade	7647-01-0
192109	Hydrochloric Acid 5 mol/l (5N) pharma grade	7647-01-0
131020	Hydrochloric Acid 37% for analysis, ACS, ISO	7647-01-0
133378	Hydrochloric acid 25% for analysis	7647-01-0
143495	Peracetic Acid 15% pure	79-21-0
141515	Potassium Hydroxide 85% pellets pure, pharma grade	1310-58-3
631687	Sodium Hydroxide pellets IPEC grade	1310-73-2
141687	Sodium Hydroxide pellets pure, pharma grade	1310-73-2
192404	Sodium Hydroxide solution 50% w/w	1310-73-2
141571	Sodium Hydroxide solution 50% w/v pure	1310-73-2
LZ3402	Sodium Hydroxide solution 25% w/w pure, pharma grade	1310-73-2
144320	Sodium Hydroxide solution 30% w/w pure, pharma grade	1310-73-2

This is a selection of chemicals for Cleaning In Place. If you have any other needs or requests, please contact us at biopharma@itwreagents.com and we will be glad to support you.



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