



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



One of the critical aims in **pharma and biopharma processes** is to 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

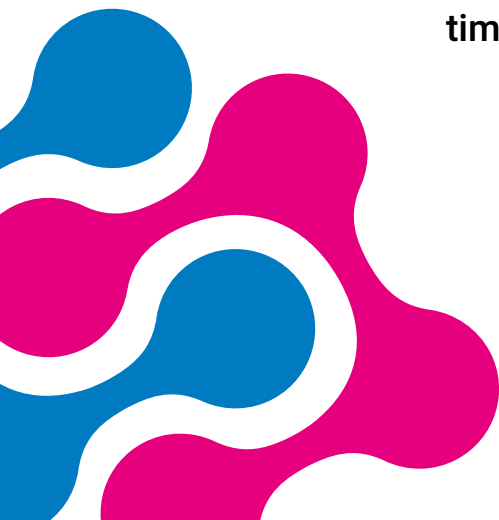
Change control

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](mailto:biopharma@itwreagents.com) and we will be glad to support you.



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