

# Corning® High Quality Water

- ▶ WFI Quality
- ▶ USP/EP Certified
- ▶ Molecular Grade
- ▶ Reagent Grade

## Introduction

Corning® high quality water is manufactured in accordance with a comprehensive quality system, compliant with cGMP and ISO 13485:2003 guidelines, in our Mediatech, Inc. FDA registered facility.

Small and large volume demands for high quality water can be met with Corning's array of water products. Save the expense of installing and maintaining your own water system, or ensure you have a secondary source of water that meets your specifications.

Corning high quality water meets current USP and EP production and monograph requirements for Water For Injection (WFI). A variety of packing sizes or custom water products are available to ensure you receive exactly what you need.



## Cell Culture Grade Water

Bulk water for injection is produced by our state-of-the-art water purification system, providing highly purified water. This water is ideal for many research and biopharmaceutical industry applications. Our advanced process incorporates innovative techniques at every stage to eliminate bioburden and maintain virtually undetectable endotoxin levels. Our endotoxin specification is 10x tighter than the USP specifications. Corning sterile WFI quality, cell culture grade water meets the United States Pharmacopoeia (USP) testing requirements for Sterile Water for Injection.

Test	Result
Mycoplasma	Tested negative
Plating efficiency	Pass
Oxidizable substances	Solution remains faintly pink
Total organic carbon (before packaging) USP <643>	< 500 ppb
Water conductivity (packaged water) USP <645>	Meets USP Requirements
Water conductivity (before packaging) USP <645>	Meets USP temperature/conductivity requirements
Endotoxin USP <85>	≤ 0.025 EU/mL
Sterility USP <71>	Pass
Particulate matter USP <788>	≤ 25 particles/mL that are ≥ 10 μm in size ≤ 3 particles/mL that are ≥ 25 μm in size

## Reagent Grade Water, Meets USP Purified Water Requirements

Reagent grade water is ideal for the preparation of reagents, rinsing glassware and plastic ware, cleaning electrodes and other common laboratory tasks requiring highly pure water. No toxic agents, including DEPC, are used in its preparation. The packaging design allows for portability, ease of storage, and convenient dispensing. At the point of packaging, the water meets USP Purified Water requirements and is RNase, DNase and protease free.

- ▶ Convenient 4L cube with sterile port, sealed until first use, No extra steps needed
- ▶ Endotoxin level tested to ensure a level ≤ 0.025 EU/mL - ideal for minimizing endotoxin in downstream processes such as transfection
- ▶ Extensively tested to ensure the highest quality for your research needs

## Molecular Biology Grade, USP Sterile Purified Water

Molecular biology grade water is ideal for the preparation of reagents and reactions, rinsing glassware and plasticware, and other molecular biology applications where RNase, DNase, and protease free water is required. No toxic agents, including DEPC, are used in the preparation of our molecular grade water, eliminating possible interference with enzymatic reactions.

Test	Result
Sterility by USP <71>	Pass
Water conductivity (before packaging) USP <645>	Meets USP temperature and conductivity requirements
Water conductivity (packaged water) USP <645>	Meets USP requirements
RNase	None detected
DNase	None detected
Protease	None detected
Oxidizable Substances	Solution remains faintly pink
Total organic carbon (before packaging) USP <643>	<500 ppb

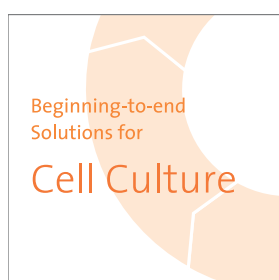
## USP/EP Certified Sterile WFI-Quality Water

USP/EP certified water is verified to USP and the European Pharmacopoeia (EP) specifications, and is intended for Further Manufacturing Use Only for a variety of applications including:

- ▶ Steam-in-place (SIP) systems and equipment
- ▶ Synthesis of final product
- ▶ Clean-in-place (CIP) systems
- ▶ Cleaning agent for rinsing vessels
- ▶ Product reconstitution
- ▶ Cleaning agent for equipment

## Ordering Information

Cat. No.	Description	Unit Size	Qty/PK
<b>Cell Culture Grade Water</b>			
25-055-CI	Sterile WFI-Quality, Cell Culture Grade Water	100 mL	6
25-055-CV	Sterile WFI-Quality, Cell Culture Grade Water	500 mL	6
25-055-CVC	Sterile WFI-Quality, Cell Culture Grade Water with septum cap	500 mL	6
25-055-CM	Sterile WFI-Quality, Cell Culture Grade Water	1L	6
25-055-LB	Sterile WFI-Quality, Cell Culture Grade Water	20L	1
25-055-LG	Sterile WFI-Quality, Cell Culture Grade Water	100L	1
25-055-LH	Sterile WFI-Quality, Cell Culture Grade Water	200L	1
<b>Reagent Grade Water</b>			
46-002-LF	Reagent Grade Water	4L	2
<b>Molecular Biology Grade, USP Sterile Purified Water</b>			
46-000-CI	Molecular Biology Grade, USP Sterile Purified Water	100 mL	6
46-000-CV	Molecular Biology Grade, USP Sterile Purified Water	500 mL	6
46-000-CM	Molecular Biology Grade, USP Sterile Purified Water	1L	6
<b>USP/EP Certified Sterile WFI-Quality Water</b>			
25-065-LB	USP/EP Certified Sterile WFI-Quality Water	20L	1
25-065-LG	USP/EP Certified Sterile WFI-Quality Water	100L	1
25-065-LH	USP/EP Certified Sterile WFI-Quality Water	200L	1



[www.corning.com/lifesciences/solutions](http://www.corning.com/lifesciences/solutions)

At Corning, cells are in our culture. In our continuous efforts to improve efficiencies and develop new tools and technologies for life science researchers, we have scientists working in Corning R&D labs across the globe, doing what you do every day. From seeding starter cultures to expanding cells for assays, our technical experts understand your challenges and your increased need for more reliable cells and cellular material.

It is this expertise, plus a 160-year history of Corning innovation and manufacturing excellence, that puts us in a unique position to offer a beginning-to-end portfolio of high-quality, reliable cell culture consumables.

For additional product or technical information, please visit [www.cellgro.com](http://www.cellgro.com) or call 1.800.235.5476.

Warranty/Disclaimer: Unless otherwise specified, all products are for research use only. Not intended for use in diagnostic or therapeutic procedures. Not for use in humans. Corning Life Sciences makes no claims regarding the performance of these products for clinical or diagnostic applications.

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