Corning® High Quality Water

- Cell culture grade
- Molecular biology grade
- Reagent grade

CORNING

Products are manufactured in a facility according to ISO 13485 and the FDA Quality System Regulation 21 CFR 820, cGMP requirements. Corning high quality water is prepared by a validated aspectic sterile filtration (0.1 µm) process to ensure that all products comply with the industry's Sterility Assurance Level (SAL) of at least 10^{-3}. Corning high quality water is available in a variety of sizes, and tested to specifications which may include USP and/or EP monograph requirements.

Corning is ready, willing, and able to provide you with a variety of high quality water options to satisfy multiple applications from cell culture research to complete bioprocess production. Ideal for the preparation of reagents, rinsing glassware or plasticware, and other applications, Corning water can save the expense of installing and maintaining your own water system, while ensuring you have a secondary source of water that meets your specifications.

As a leader in cell culture products we are committed to providing you with the knowledge, expertise, and hands-on support to deliver what's next. We're ready when you are.

Products may not be available in all markets.

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Cell Culture Grade Water

Cell culture grade water is high-quality water suitable for use as a solvent in the preparation of cell culture media and other reagents for sensitive applications. Our bioprocess container selections are suitable for large-scale applications such as cleaning and upstream and downstream reagent preparation. Cell culture grade water goes through a wide array of testing which includes testing to the chemical and physical properties found in the USP and EP monographs for sterile Water for Injection (WFI).

Tested to USP sterile WFI specifications

Cat. No.	Description	Size	Qty/Pk
25-055-CI	Water, cell culture grade	100 mL	6
25-055-CV	Water, cell culture grade	500 mL	6
25-055-CVC	Water, cell culture grade, with septum cap	500 mL	6
25-055-CM	Water, cell culture grade	1L	6
25-055-LB	Water, cell culture grade	20L	1
25-055-LG	Water, cell culture grade	100L	1
25-055-LH	Water, cell culture grade	200L	1

Tested to USP and EP sterile WFI specifications

Cat. No.	Description	Size	Qty/Pk
25-065-LB	Water, cell culture grade	20L	1
25-065-LG	Water, cell culture grade	100L	1
25-065-LH	Water, cell culture grade	200L	1

Molecular Biology Grade

Molecular biology grade water is ideal for applications where highly pure, RNase-, DNase-, and protease-free water is required (e.g., PCR and other molecular biology reactions setup, DNA/RNA/protein extraction, purification, and storage reagents). No toxic agents, including DEPC, are used in the preparation of our molecular grade water, eliminating possible interference with enzymatic reactions. Molecular biology grade water is tested to the chemical and physical properties found in the USP monograph for sterile purified water.

Cat. No.	Description	Unit Size	Qty/Pk
46-000-CI	Water, molecular biology grade	100 mL	6
46-000-CV	Water, molecular biology grade	500 mL	6
46-000-CM	Water, molecular biology grade	1L	6

Reagent Grade Water

Reagent grade water is suitable for the preparation of reagents, rinsing glassware and plasticware, cleaning electrodes, and other common laboratory tasks requiring highly pure, RNase-, DNase-, and protease-free water. No toxic agents, including DEPC, are used in its preparation. To ensure product quality, reagent grade water is tested to the chemical and physical properties found in the USP monograph for purified water.

Cat. No.	Description	Unit Size	Qty/Pk
46-002-LF	Water, reagent grade	4L	2

Testing Parameters

	Cell Culture Grade Water		Molecular Biology Grade Water	Reagent Grade Water
Specification/Cat. No.	**25-055**	**25-065**	**46-000**	**46-002**
Appearance	-	Pass	-	-
LM (plating efficiency)	Pass	Pass	-	-
Total Organic Carbon (before packaging) USP <643>	<500 ppb	<500 ppb	Test and Report	Test and Report
Total Organic Carbon (after packaging) USP <643>	✓	✓	✓	✓
Water Conductivity (packaged water) USP <645>	✓	✓	✓	✓
Water Conductivity (before packaging) USP <645>	✓✓	✓✓	✓✓	✓✓
Endotoxin USP <85>	≤0.025 EU/mL	≤0.025 EU/mL	-	≤0.025 EU/mL
Sterility USP <71>	Pass	Pass	Pass	-
Particulate Matter USP <788>	≤25 particles/mL that are ≥10 µm in size ≤3 particles/mL that are ≥25 µm in size		-	-
Oxidizable Substances	Pass	Pass	Pass	Pass
RNase	-	-	None detected	None detected
DNase	-	-	None detected	None detected
Protease	-	-	None detected	None detected
Nitrates	-	≤0.2 ppm	-	-
Residue on Evaporation	-	≤3 mg (0.003%)	-	-

✓ Meets USP requirements
✓✓ Meets USP temperature/conductivity requirements

Warranty/Disclaimer: Unless otherwise specified, all products are for research use or general laboratory use only.* Not intended for use in diagnostic or therapeutic procedures. Not for use in humans. These products are not intended to mitigate the presence of microorganisms on surfaces or in the environment, where such organisms can be deleterious to humans or the environment. Corning Life Sciences makes no claims regarding the performance of these products for clinical or diagnostic applications. *For a listing of US medical devices, regulatory classifications or specific information on claims, visit www.corning.com/resources.

Corning's products are not specifically designed and tested for diagnostic testing. Many Corning products, though not specific for diagnostic testing, can be used in the workflow and preparation of the test at the customers discretion. Customers may use these products to support their claims. We cannot make any claims or statements that our products are approved for diagnostic testing either directly or indirectly. The customer is responsible for any testing, validation, and/or regulatory submissions that may be required to support the safety and efficacy of their intended application.

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