

## Bioproduction

# Gibco Water For Injection (WFI) for Cell Culture

## High-quality water ready for upstream and downstream bioprocessing

Gibco™ Water For Injection (WFI) for Cell Culture is pure, cell culture–grade water used in the production of process liquids, buffers, supplements, media, and cleaning solutions. It is filtered, non-pyrogenic, and available in scalable volumes and bioprocess container configurations to meet your unique manufacturing needs.

### Applications

Gibco WFI is suitable for various bioprocessing needs, including upstream and downstream operations. These operations include media and buffer formulation, dry powder reconstitution, buffer dilution, purification, and sanitization.

### Quality

Manufactured under current good manufacturing practices (cGMP), Gibco WFI complies with USP/EP/JP specifications for packaged purified water as well as sterile water for injection at point of fill. Every batch undergoes multi-compendial testing to align with the highest quality standards in accordance with biopharmaceutical, pharmaceutical, and diagnostic research industries.

### Parameters included in Certificate of Analysis

Parameter	Limits
Conductivity	≤5.0 μS/cm
Endotoxin	≤0.25 EU/mL
Nitrate	≤0.2 ppm
Osmolality	0–20 mOsm/kg
pH	4.0–7.5
Sterility	Negative
Total organic carbon	≤500 ppb



### Specifications

- Packaging: single-use bioprocess container inside a rigid shipping container
- Purification method: membrane-filtered
- Sterility assurance level (SAL): 10<sup>-3</sup>
- Multi-compendial testing: USP, EP, JP
- Storage conditions: 2–30°C
- Shelf life: 24 months from date of manufacture
- Manufacturing facilities: ISO 13485–certified, cGMP-compliant to 21 CFR Part 820 standard

### Ordering information

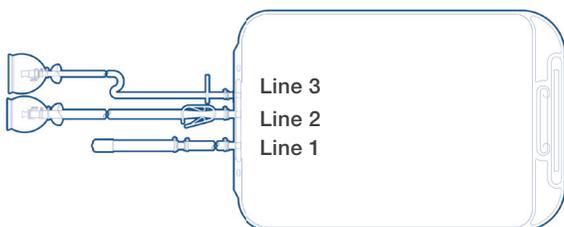
Product	Unit size	Cat. No.
WFI for Cell Culture	20 L	<a href="#">A1287305</a>
	200 L	<a href="#">A1287306</a>

### Optional customization

If you require larger unit sizes, specific testing requirements, and/or unique bioprocess containers, ask your Thermo Fisher Scientific representative about customization.

## 20 L bioprocess container design

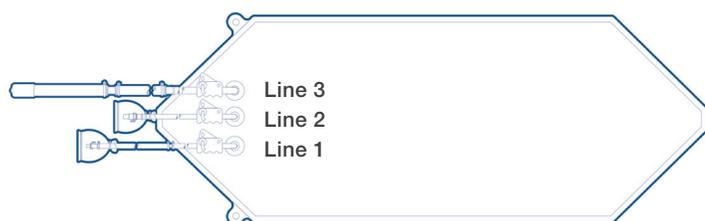
(Thermo Scientific™ CX5-14 film)



Line	Tubing	Connectors
1	<b>Thermo Scientific™ fill line</b>	<b>Sealed after filling</b>
2	<b>C-Flex™ 374 tubing</b> 3/8" ID x 5/8" OD x 1/8" wall; length: 60"	Polycarbonate 3/8" MPC series quick-connect body (female)
3	<b>C-Flex 374 tubing</b> 1/4" ID x 3/8" OD x 1/16" wall; length: 60"	Polycarbonate 1/4" MPC series quick-connect insert (male)

## 200 L bioprocess container design

(CX5-14 film)



Line	Tubing	Connectors
1	<b>C-Flex 374 tubing</b> 3/8" ID x 5/8" OD x 1/8" wall; length: 24"	Polycarbonate 3/8" MPC series quick-connect body (female)
2	<b>C-Flex 374 tubing</b> 1/2" ID x 3/4" OD x 1/8" wall; length: 30"	Polycarbonate 1/2" MPX series quick-connect insert (male)
3	<b>Thermo Scientific™ fill line</b>	<b>Sealed after filling</b>

### Related products

Product	Description	Cat. No.
Gibco Sodium Hydroxide (NaOH)	1.0 M, 20 L	<a href="#">A4782901</a>
	1.0 M, 200 L	<a href="#">A4782902</a>
	0.5 M, 20 L	<a href="#">A4782801</a>
	0.5 M, 200 L	<a href="#">A4782802</a>
	0.1 M, 20 L	<a href="#">A4782601</a>
	0.1 M, 200 L	<a href="#">A4782602</a>

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