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.

Specifications

- Packaging: single-use bioprocess container inside a rigid shipping container
- Purification method: membrane-filtered
- Sterility assurance level (SAL): 10^{-3}
- 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

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

Ordering information

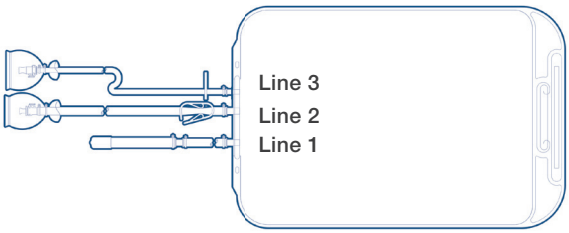
Product	Unit size	Cat. No.
WFI for Cell Culture	20 L	A1287305
	200 L	A1287306

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

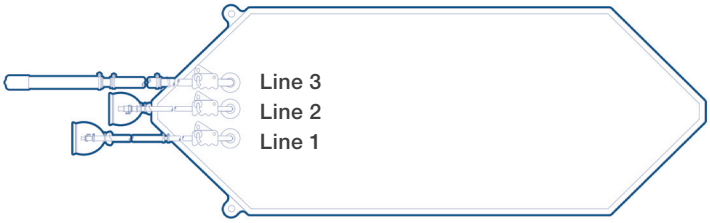
(Thermo Scientific™ CX5-14 film)



Line	Tubing	Connectors
1	**Thermo Scientific™ fill line**	**Sealed after filling**
2	**C-Flex™ 374 tubing** 3/8" ID x 5/8" OD x 1/8" wall; length: 60"	Polycarbonate 3/8" MPC series quick-connect body (female)
3	**C-Flex 374 tubing** 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	**C-Flex 374 tubing** 3/8" ID x 5/8" OD x 1/8" wall; length: 24"	Polycarbonate 3/8" MPC series quick-connect body (female)
2	**C-Flex 374 tubing** 1/2" ID x 3/4" OD x 1/8" wall; length: 30"	Polycarbonate 1/2" MPX series quick-connect insert (male)
3	**Thermo Scientific™ fill line**	**Sealed after filling**

Related products

Product	Description	Cat. No.
Gibco Sodium Hydroxide (NaOH)	1.0 M, 20 L	A4782901
	1.0 M, 200 L	A4782902
	0.5 M, 20 L	A4782801
	0.5 M, 200 L	A4782802
	0.1 M, 20 L	A4782601
	0.1 M, 200 L	A4782602

For details, go to **thermofisher.com/wfi**