

Bioprocessing



Gibco 20% Ethanol

Streamline your workflow with a ready-to-use ethanol solution

Gibco™ 20% Ethanol (EtOH) is sterile filtered, packaged in bioprocess containers, and stocked to be available when you need it. Sourcing 20% EtOH can streamline your workload for equipment sanitization and column storage, allowing you to focus on the key steps in your downstream processes.

Applications

Gibco 20% Ethanol is applicable across a range of production modalities for cleaning, sanitization, and chromatography column storage.

Quality

EtOH and bulk Water for Injection (WFI) are mixed to produce solutions that meet the most stringent quality control expectations in accordance with the pharmaceutical, biopharma, and diagnostic industries.

Gibco 20% Ethanol is manufactured to cGMP standards at an ISO certified facility, promoting quality and convenience for every stage of a biologic's pipeline.

Specifications

- **Multi-compendial testing:** Compendial-grade raw materials
- **Shelf life:** 12-months from date of manufacture
- **Primary packaging:** Aegis™ 5-14 single-use bioprocess container
- **Secondary packaging:** Rigid shipping container with appropriate dunnage
- **Manufacturing facilities:** ISO 13485-certified, cGMP-compliant to 21 CFR Part 820 standard

Product features

- Available in a range of pack sizes (5 L, 20 L, 200 L)
- Product specifications are well-defined, with the established solutions ready to order
- Manufactured to ISO and cGMP standards to meet the stringent expectations of highly regulated industries
- Readily accessible documentation for accelerated qualification

User benefits

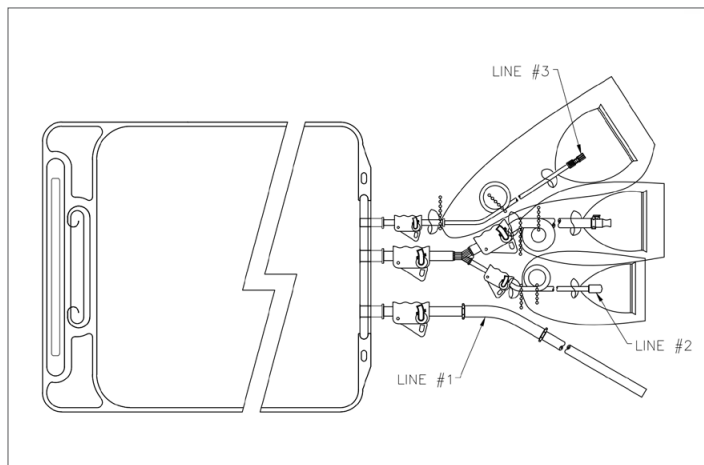
- Eases the time requirements dedicated for in-house buffer preparation
- Mitigates space required for buffer preparation and storage
- Streamlines in-house processes related to formulation, hydration, testing, and validation
- Meets workflow needs for all stages of biologic development and manufacturing

Release testing included in the Certificate of Analysis

Parameter	Specification
Appearance	Clear, colorless solution
Sterility	Negative
Endotoxin	< 2.5 EU/mL
Purity	19.5-20.5%
Specific gravity (at 25°C)	0.9738 to 0.9756 kg/cm ³

5 L bioprocess container design

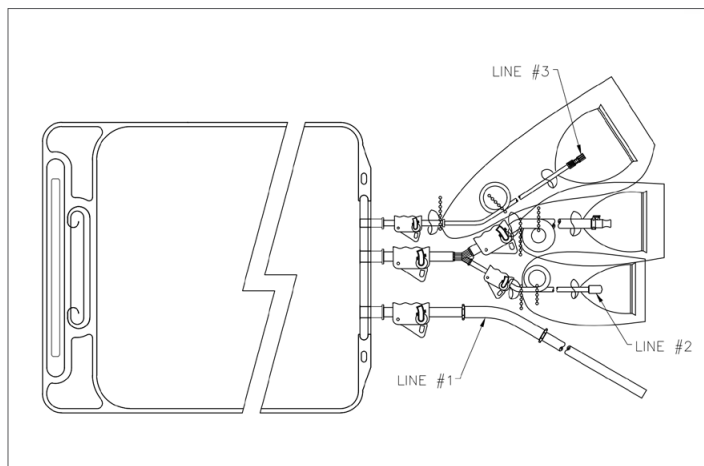
Line	Tubing	Connectors
1	C-Flex™ 374 and EVA tubing	Thermo Fisher Scientific fill line, sealed and cut at EVA
2	C-Flex™ 374 tubing 3/8" ID X 5/8" OD X 1/8" Wall Length: 42" 1/4" ID X 3/8" OD X 1/16" Wall	<ul style="list-style-type: none"> Polycarbonate quick connect, 3/8" insert (MPC) Polypropylene, Luer lock, male 1/4"
3	C-Flex™ 374 tubing 1/8" ID x 1/4" OD x 1/16" Wall Length: 46"	Smartsite® needle-free valve port with polycarb Luer thread cover



5 L bioprocess container design

20 L bioprocess container design

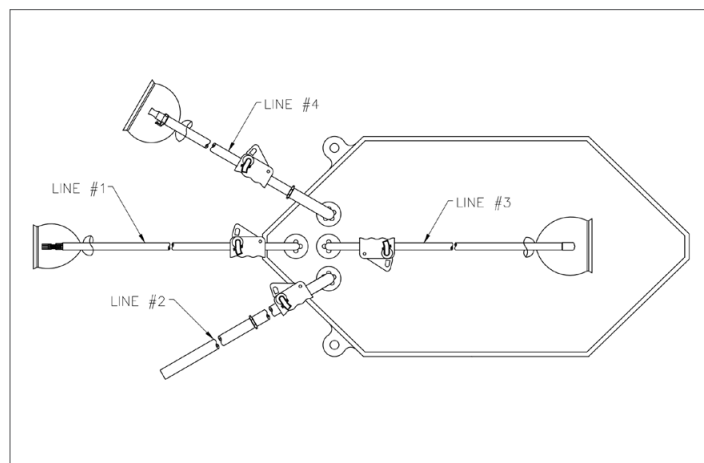
Line	Tubing	Connectors
1	C-Flex™ 374 and EVA tubing	Thermo Fisher Scientific fill line, sealed and cut at EVA
2	C-Flex™ 374 tubing 3/8" ID X 5/8" OD X 1/8" Wall Length: 42" 1/4" ID X 3/8" OD X 1/16" Wall	<ul style="list-style-type: none"> Polycarbonate quick connect, 3/8" insert (MPC) Polypropylene, Luer lock, male 1/4"
3	C-Flex™ 374 tubing 1/8" ID x 1/4" OD x 1/16" wall Length: 46"	Smartsite® needle-free valve port with polycarb Luer thread cover



20 L bioprocess container design

200 L bioprocess container design

Line	Tubing	Connectors
1	C-Flex™ 374 tubing 1/4" ID X 1/2" OD X 1/8" Wall Length: 48"	<ul style="list-style-type: none"> Smartsite® needle-free valve port with polycarb Luer thread cover Polypropylene, Luer lock, female 1/4"
2	C-Flex™ 374 and PVC tubing	Thermo Fisher Scientific fill line, sealed and cut at PVC
3	C-Flex™ 374 tubing 1/4" ID X 1/2" OD X 1/8" Wall Length: 48"	Polypropylene, Luer lock, male 1/4"
4	C-Flex™ 374 tubing 3/8" ID X 5/8" OD X 1/8" Wall Length: 39"	Polycarbonate quick connect, 3/8" insert (MPC)



200 L bioprocess container design

Ordering information

Product	Unit size	Cat. No.
Gibco 20% Ethanol	5 L	A5803201
	20 L	A5803202
	200 L	A5803203

Optional customization

If you require additional concentrations, a specific raw material grade and/or unique bioprocess containers, ask your Thermo Fisher Scientific representative about customization.

Related products

Product	Unit size	Cat. No
Gibco Sodium Hydroxide (NaOH)	0.1 M, 20 L	A4782601
	0.1 M, 200 L	A4782602
	0.5 M, 20 L	A4782801
	0.5 M, 200 L	A4782802
	1.0 M, 20 L	A4782901
	1.0 M, 200 L	A4782902
Gibco Water for Injection (WFI)	20 L	A1287305
	200 L	A1287306
Gibco Sodium Chloride (NaCl)	0.1 M, 5 L	A5792201
	0.1 M, 20 L	A5792202
	0.1 M, 200 L	A5792203
	0.2 M, 5 L	A5802801
	0.2 M, 20 L	A5802802
	0.2 M, 200 L	A5802803
	0.5 M, 5 L	A5802901
	0.5 M, 20 L	A5802902
	0.5 M, 200 L	A5802903
	1.0 M, 5 L	A5803001
	1.0 M, 20 L	A5803002
	1.0 M, 200 L	A5803003
2.0 M, 5 L	A5803101	
2.0 M, 20 L	A5803102	
2.0 M, 200 L	A5803103	

Learn more at thermofisher.com/etoh

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