

Bioprocessing

Gibco process liquids and buffers

A product portfolio that meets the required customization levels of your process

Thermo Fisher Scientific offers Gibco™ process liquids and buffer solutions to help customers accelerate speed-to-market and improve productivity by simplifying their process liquid and buffer preparation activities. Biomanufacturing customers can help maximize productivity from early-phase clinical trials through commercialization by outsourcing their liquids and buffer preparation.

Our process liquids can help:

- Streamline in-house hydration processes
- Simplify scale-up to large bioprocessing volumes
- Alleviate storage challenges
- Save time and resources
- Maximize raw material consistency and quality

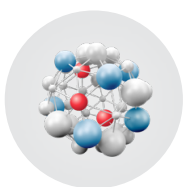
Our process liquids:

- Are manufactured under Current Good Manufacturing Practice (CGMP) regulations
- Can be used throughout upstream and downstream bioproduction workflows
- Can be completely customized to meet your needs
- Come in a variety of concentrations and sizes



gibco

Our product and services portfolio



Gibco™ process liquid catalog products are high quality and ready to use, and they come with quality documentation to help facilitate efficient and compliant bioprocessing. Catalog products are available in a range of volumes to help meet bioprocessing goals at any scale.

Products from the catalog are made-to-stock (MTS), so you can order now.

Catalog products

Category	Product	Unit size	Cat. No.	Inventory
Water for injection (WFI)	WFI for Cell Culture	20 L	A1287305	MTS
		200 L	A1287306	
		1,000 L	A1287309	MTO
NaOH	0.1 M NaOH	20 L	A4782601	MTS
		200 L	A4782602	
	0.5 M NaOH	20 L	A4782801	MTS
		200 L	A4782802	
	1.0 M NaOH	20 L	A4782901	MTS
		200 L	A4782902	
NaCl	0.1 M NaCl	5 L	A5792201	MTS
		20 L	A5792202	
		200 L	A5792203	
	0.2 M NaCl	5 L	A5802801	MTS
		20 L	A5802802	
		200 L	A5802803	
	0.5 M NaCl	5 L	A5802901	MTS
		20 L	A5802902	
		200 L	A5802903	
	1.0 M NaCl	5 L	A5803001	MTS
		20 L	A5803002	
		200 L	A5803003	
	2.0 M NaCl	5 L	A5803101	MTS
		20 L	A5803102	
		200 L	A5803103	
EtOH	20% EtOH	5 L	A5803201	MTS
		20 L	A5803202	
		200 L	A5803203	



The Gibco™ process liquids and buffers library includes common solutions and concentrates that are made-to-order (MTO) and available in multiple sizes to help accelerate the manufacturing process at any scale. Solutions from this library have established formulations and packaging options, including bioprocess containers (BPCs), and have been tested. Order today with confidence.

Library products

Category	Product	Unit size	Cat. No.	Inventory
Balanced salts	PBS (1X), pH 7.4	5 L	A58313BA	MTO
		20 L	A58313BB	
		50 L	A58313BD	
		100 L	A58313BE	
		200 L	A58313BC	
	PBS (10X), pH 7.4	5 L	A59065BA	MTO
		20 L	A59065BB	
		50 L	A59065BC	
		100 L	A59065BD	
		200 L	A59065BE	
	DPBS (1X), no calcium, no magnesium	5 L	A59095BA	MTO
		20 L	A59095BB	
		50 L	A59095BC	
		100 L	A59095BD	
		200 L	A59095BE	
HBSS (1X) w/Ca, Mg, Phenol Red	5 L	A59772BA	MTO	
	20 L	A59772BB		
	50 L	A59772BC		
	100 L	A59772BD		
	200 L	A59772BE		
Process buffers	20 mM Sodium Acetate	5 L	A59148BA	MTO
		20 L	A59148BB	
		50 L	A59148BC	
		100 L	A59148BD	
		200 L	A59148BE	
	20 mM Sodium Citrate	5 L	A59149BA	MTO
		20 L	A59149BB	
		50 L	A59149BC	
		100 L	A59149BD	
		200 L	A59149BE	
	10 mM Histidine	5 L	A59147BA	MTO
		20 L	A59147BB	
		50 L	A59147BC	
		100 L	A59147BD	
		200 L	A59147BE	
100 mM Glycine	5 L	A59151BA	MTO	
	20 L	A59151BB		
	50 L	A59151BC		
	100 L	A59151BD		
	200 L	A59151BE		

Library products (continued)

Category	Product	Unit size	Cat. No.	Inventory	
Process buffers	Tris 20 mM, NaCl 1.5 M	5 L	A59168BA	MTO	
		20 L	A59168BB		
		50 L	A59168BC		
		100 L	A59168BD		
		200 L	A59168BE		
	18% Ethanol	5 L	A65777BA	MTO	
		20 L	A65777BB		
		200 L	A65777BE		
	MES 50 mM, NaCl 200 mM	5 L	A59170BA	MTO	
		20 L	A59170BB		
		50 L	A59170BC		
		100 L	A59170BD		
		200 L	A59170BE		
	Concentrates	4 M Acetic Acid	5 L	A59169BA	MTO
			20 L	A59169BB	
200 L			A59169BE		
3 M Acetic Acid		5 L	A65780BA	MTO	
		20 L	A65780BB		
		200 L	A65780BE		
2 M Acetic Acid		5 L	A59771BA	MTO	
		20 L	A59771BB		
		200 L	A59771BC		
2 M NaOH		5 L	A59770BA	MTO	
		20 L	A59770BB		
		200 L	A59770BC		
2 M Citric Acid		5 L	A44667BA	MTO	
		20 L	A44667BC		
		50 L	A44667BD		
		100 L	A44667BE		
		200 L	A44667BF		
1 M Sodium Citrate		5 L	A44669BA	MTO	
		20 L	A44669BC		
		50 L	A44669BD		
		100 L	A44669BE		
	200 L	A44669BF			
5 M NaCl	5 L	A59067BA	MTO		
	20 L	A59067BB			
	50 L	A59067BC			
	100 L	A59067BD			
	200 L	A59067BE			
4 M NaCl	5 L	A65781BA	MTO		
	20 L	A65781BB			
	50 L	A65781BC			
	100 L	A65781BD			
	200 L	A65781BE			

Library products (continued)

Category	Product	Unit size	Cat. No.	Inventory
Concentrates	3 M NaCl	5 L	A65779BA	MTO
		20 L	A65779BB	
		50 L	A65779BC	
		100 L	A65779BD	
		200 L	A65779BE	
	3 M Sodium Phosphate Monobasic	5 L	A44670BA	MTO
		20 L	A44670BC	
		50 L	A44670BD	
		100 L	A44670BE	
		200 L	A44670BF	
	2 M Sodium Phosphate Monobasic	5 L	A65775BA	MTO
		20 L	A65775BB	
		50 L	A65775BC	
		100 L	A65775BD	
		200 L	A65775BE	
	0.3 M Sodium Phosphate Dibasic	5 L	A44668BA	MTO
		20 L	A44668BC	
		50 L	A44668BD	
		100 L	A44668BE	
		200 L	A44668BF	
2 M Tris Base	5 L	A65690BA	MTO	
	20 L	A65690BB		
	50 L	A65690BC		
	100 L	A65690BD		
	200 L	A65690BE		
1 M Tris Base	5 L	A65784BA	MTO	
	20 L	A65784BB		
	50 L	A65784BC		
	100 L	A65784BD		
	200 L	A65784BE		
2.8 M Tris HCl	5 L	A65689BA	MTO	
	20 L	A65689BB		
	50 L	A65689BC		
	100 L	A65689BD		
	200 L	A65689BE		
2 M HEPES	5 L	A65782	MTO	
	20 L	A65782		
	50 L	A65782		
	100 L	A65782		
	200 L	A65782		
1 M HEPES	5 L	A65783BA	MTO	
	20 L	A65783BB		
	50 L	A65783BC		
	100 L	A65783BD		
	200 L	A65783BE		

Library products (continued)

Category	Product	Unit size	Cat. No.	Inventory
Sugars	Glucose (50% W/V) HTST* Treated	5 L	A59343BA	MTO
		20 L	A59343BB	
		50 L	A59343BC	
		100 L	A59343BD	
		200 L	A59343BE	
	Glucose (40% W/V) HTST Treated	5 L	A59774BA	MTO
		20 L	A59774BB	
		50 L	A59774BC	
		100 L	A59774BD	
		200 L	A59774BE	
	Glucose (25% W/V) HTST Treated	5 L	A59773BA	MTO
		20 L	A59773BB	
		50 L	A59773BC	
		100 L	A59773BD	
		200 L	A59773BE	

* HTST = high temperature short time.



Custom solutions

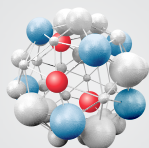
If the exact formulation and configuration required in your workflow are not currently included in our catalog or buffer library, we offer a fully customized service of made-to-suit rehydrates and powders (single- or multi-component).

- We can accommodate most formulations in a variety of packaging configurations
- We offer customizable stability and quality testing to support your workflow needs
- We provide additional services as needed, including stocking strategic raw materials or storing finished goods

In addition, we offer a process walk (Gemba) to identify areas for workflow process streamlining and setup. An economic cost modeling tool can help manufacturers understand in-house buffer preparation variables and compare in-house production to outsourcing.

Contact your sales representative or [use this form](#) to request more information.

Streamline manufacturing with Gibco process liquids and buffers



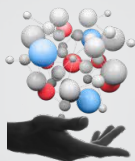
Gibco catalog

- WFI, NaOH, NaCl, EtOH
- Short inquiry-to-quote turnaround time
- Off-the-shelf products



Gibco library

- Commonly used formulations, raw materials, and bag designs
- Short inquiry-to-quote turnaround time
- Made-to-order products



Custom solutions

- New formulations or customization of library formulations or catalog products
- Tailored to customer requirements
- Made-to-suit products

Scan the QR code for more information.



Learn more at thermofisher.com/gibcoprocessliquids

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