



Glutaraldehyde Solution

25%

packaging		Mfr. No
1 ℓ	AmberGlass,EcoSafPak*	BP2548-1
4 ℓ	AmberGlass,EcoSafPak*	BP2548-4
C ₅ H ₈ O ₂	H334, H400	
CAS: 111-30-8	P301+P330+P331,	
MW: 100.12	P305+P351+P338, P310,	
EINECS: 203-856-5	P280, P260,	
H302, H331, H317, H314,	P273	
Assay	24.0-26.5%	
Color (APHA)	<=20	

Recommended Storage: RT
UN 2810; DOT Class 6.1:Poison
EcoSafPak* is an environmentally friendly packaging system made of 100% recyclable material by an SFI certified supplier.

Glutaraldehyde Solution

50%

packaging		Mfr. No
1 ℓ	AmberGlass,EcoSafPak*	BP2547-1
C ₅ H ₈ O ₂	H301, H331, H400	
CAS: 111-30-8	P280, P305+P351+P338,	
MW: 100.12	P270, P260, P273,	
EINECS: 203-856-5	P308+P313	
H317, H335, H314, H334,		
Assay	49.0-52.0%	
Clarity of Solution	To pass test	
Color (APHA)	<=125	
pH (at 25°C)	3.7-4.5	
Specific Gravity (at 20°C)	1.125-1.135	

Recommended Storage: 4°C
UN 2927; DOT Class 6.1:Poison
EcoSafPak* is an environmentally friendly packaging system made of 100% recyclable material by an SFI certified supplier.

Hematoxylin
Crystalline

packaging		Mfr. No
25 g	AmberGlass	BP2424-25
100 g	AmberGlass	BP2424-100
C ₁₆ H ₁₄ O ₆	EINECS: 208-237-3	
CAS: 517-28-2		
MW: 302.27		
Certification as Biological Stain	To pass test	

Applications: Hematoxylin is used as a stain in microscopy.
Recommended Storage: RT
C.I. 75290

Methylene Blue

packaging		Mfr. No
100 g	AmberGlass	BP117-100
C ₁₆ H ₁₈ ClN ₃ S	H302	
CAS: 61-73-4	P301+P312	
MW: 319.85		
E1% _{1cm}	>=2000g-1cm-1	
Lambda Max.	662nm±2nm	
Loss on Drying (at 105°C)	8-18%	
Solubility	To pass test	

Recommended storage: RT
C.I. 52015

2M Calcium Chloride Solution
Microbial Cell Culture

packaging		Mfr. No
5x10mℓ	Poly Bottle	BP9742-10X5
CaCl ₂	MW: 110.99	
CAS: 10035-04-08 (Calcium Chloride Dihydrate), 7732-18-5 (Water)	H319	
	P280+P305+P351+P338	
Appearance	Clear solution	
Cell culture tested-MTT	To pass test	
Sterility	To pass test	

Applications: Preparation of competent E. coli strains
Components: Calcium Chloride: 294g/ℓ
Recommended storage: RT

2M Magnesium Chloride Solution
Microbial Cell Culture

packaging		Mfr. No
5x10mℓ	Poly Bottle	BP9741-10X5
MgCL ₂	MW: 95.21	
CAS: 7791-18-6	H319	
(Magnesium Chloride Hexahydrate), 7732-18-5 (Water)	P280+P305+P351+P338	
Appearance	Clear solution	
Cell culture tested-MTT	To pass test	
Sterility	To pass test	

Applications: Preparation of competent E. coli strains
Components: Magnesium Chloride: 406.6g/ℓ
Recommended storage: RT

2xYT Agar Molecular Genetics
Powder

packaging		Mfr. No
100 g	PolyBottle	BP2466-100
500 g	PolyBottle	BP2466-500
2 kg	PolyBottle	BP2466-2
CAS: 9002-18-0		

Growth promotion ability E. coli Found
Growth promotion ability S. aureus Found

Applications: 2xYT Agar is used for growth of hosts for replication of M13 vectors and plating.
Components in g/ℓ:Tryptone: 16g; Yeast Extract: 10g; NaCl: 5g; Agar:15g
Recommended Storage: RT



2X YT Broth Molecular Genetics Powder			
packaging			Mfr. No
100 g	PolyBottle		BP2467-100
500 g	PolyBottle		BP2467-500
2 kg	PolyBottle		BP2467-2
10 kg	PolyPail		BP2467-10
Growth promotion ability E. coli			Found
Growth promotion ability S. aureus			Found

Applications: 2X YT Broth is used for growth of hosts for replication of M13 vectors.
Components in g/ℓ:Tryptone: 16g; Yeast Extract: 10g; NaCl: 5g
Recommended Storage: RT

2 XYT Broth		Capsules
packaging		Mfr. No
32x15.5 g Poly Bottle		BP9736-500
CAS: [Peptone: 91079-40-2; Sodium Chloride: 7647-14-5; Yeast Extract: 8013-01-2]		
Appearance		Capsules
Color (prepared media)		Light to medium amber
E.coli test		To pass test

Applications: Standard bacteriological media for the propagation and maintenance of E. coli strains in molecular biology procedures; dust-free granules allow for easy weighing.
Description: Contains 32 x 15.5g capsules; Use two capsules to make 1ℓ broth
Components: (per liter) Peptone: 16g; Yeast Extract: 10g; Sodium Chloride: 5g
Recommended storage: RT

Agar (80-100 Mesh)		
packaging		Mfr. No
100 g	PolyBottle	BP2641-100
500 g	PolyBottle	BP2641-500
1 kg	PolyBottle	BP2641-1
CAS: 9002-18-0		
Acid Insoluble Ash		<=0.5%
Arsenic		<=3ppm
Foreign Insoluble Matter		<=1.0%
Foreign Organic Matter		<=1.0%
Foreign Starch		To pass test
Gelatin		To pass test
Heavy Metals (Pb)		<=40ppm
Identity Test A		To pass test
Identity Test B		To pass test
Lead		<=10ppm
Microbial Limits (Salmonella)		Negative
Organic Volatile Impurities		To pass test
Total Ash (Dry Weight Basis)		<=6.5%
Water		<=20%
Water Absorption		To pass test

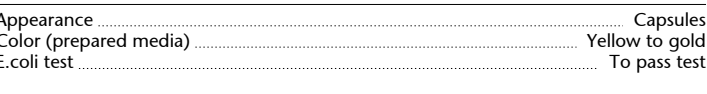
Agar Molecular Genetics			
Granulated			
Packaging			Mfr. No.
500 g	PolyBottle		BP1423-500
2 kg	PolyPail		BP1423-2
CAS: 9002-18-0			
Gelling Point			32°-39°C
Growth promotion ability E. coli			Found
Growth promotion ability S. aureus			Found
Melting Point			83°-89°C

Applications: Agar, Granulated, is used as a solidifying agent in preparing microbiological culture media.
Recommended Storage: RT

LB Broth, Lennox		Large Granules
packaging		Mfr. No
2 kg	Poly Pail	BP9722-2
500 g	Poly Bottle	BP9722-500
CAS: [Peptone: 91079-40-2; Sodium Chloride: 7647-14-5; Yeast Extract: 8013-01-2]		
Color (APHA)		Light beige
E.coli test		To pass test
particle size		1 to 2 mm

Applications: Standard bacteriological media for the propagation and maintenance of E. coli strains in molecular biology procedures; dust-free granules allow for easy weighing.
Components: (per liter) Peptone: 10g; Yeast Extract: 5g; Sodium Chloride: 5g
Recommended storage: RT

LB Broth, Lennox		Pre-Buffered Capsules
packaging		Mfr. No
500 x 1 g Capsules		BP9733-500
CAS: [Peptone: 91079-40-2; Sodium Chloride: 7647-14-5; Yeast Extract: 8013-01-2; Tris/Tris HCl: 77-86-1; 1185-53-1]		
H315, H319		
P280+P302+P352, P305+P351+P338		
Appearance		Capsules
Color (prepared media)		Yellow to gold
E.coli test		To pass test



Applications: Standard bacteriological media for the propagation and maintenance of E. coli strains in molecular biology procedures.
Components: (per liter) Peptone: 10g; Yeast Extract: 5g; Sodium Chloride: 5g; Tris/Tris-HCl: 1.5g
Recommended storage: RT

LB Broth, Lennox		Capsules
packaging		Mfr. No
25x20 g Capsules		BP9730-500
CAS: [Peptone: 91079-40-2; Sodium Chloride: 7647-14-5; Yeast Extract: 8013-01-2; Tris/Tris HCl: 77-86-1; 1185-53-1]		
H315, H319		
P280+P302+P352, P305+P351+P338		
Color (APHA)		Light beige
E.coli test		To pass test
particle size		1 to 2 mm

Applications: Standard bacteriological media for the propagation and maintenance of E. coli strains in molecular biology procedures; dust-free granules allow for easy weighing.
Components: (per liter) Peptone: 10g; Yeast Extract: 5g; Sodium Chloride: 10g; Agar: 12g
Recommended storage: RT

Appearance	Capsules
Color (prepared media)	Yellow to gold
E.coli test	To pass test

Applications: Standard bacteriological media for the propagation and maintenance of E. coli strains in molecular biology procedures.
Components: (per liter) Peptone: 10g; Yeast Extract: 5g; Sodium Chloride: 5g; Tris/Tris-HCl: 1.5g
Recommended storage: RT

LB Broth, Lennox Molecular Genetics Powder		Mfr. No
500 g	PolyBottle	BP1427-500
2 kg	PolyPail	BP1427-2

Growth promotion ability E. coli	Found
Growth promotion ability S. aureus	Found

Applications: LB (Luria-Bertani) Broth, Lennox, is used for the culturing of E. coli in molecular biology procedures.
Components: (per liter) Tryptone 10g; Yeast Extract 5g; Sodium Chloride 5g
pH:7.0±0.2 at 25°C
Recommended Storage: RT

LB Broth, Miller Molecular Genetics Granular		Mfr. No
500 g	PolyBottle	BP1426-500
2 kg	PolyPail	BP1426-2

Growth promotion ability E. coli	Found
Growth promotion ability S. aureus	Found

Applications: LB (Luria-Bertani) Broth, Miller, is used for the culturing of E. coli in molecular biology procedures.
Components: (per liter) Tryptone 10g; Yeast Extract 5g; Sodium Chloride 10g
pH:7.0±0.2 at 25°C
Recommended Storage: RT

LB Agar, Miller		Large Granules
packaging		Mfr. No
2 kg	Poly Pail	BP9724-2
500 g	Poly Bottle	BP9724-500
CAS: [Peptone: 91079-40-2; Sodium Chloride: 7647-14-5; Yeast Extract: 8013-01-2; Agar: 9002-18-0]		
Color (APHA)		Light beige
E.coli test		To pass test
particle size		1 to 2 mm

Applications: Standard bacteriological media for the propagation and maintenance of E. coli strains in molecular biology procedures; dust-free granules allow for easy weighing.
Components: (per liter) Peptone: 10g; Yeast Extract: 5g; Sodium Chloride: 10g; Agar: 12g
Recommended storage: RT

LB Agar, Miller		Pre-Buffered Capsules
packaging		Mfr. No
500x1 g Capsules		BP9735-500
CAS: [Peptone: 91079-40-2; Sodium Chloride: 7647-14-5; Yeast Extract: 8013-01-2; Agar: 9002-18-0; Tris/Tris HCl: 77-86-1; 1185-53-1]		
Appearance		Capsules
Color (prepared media)		Yellow to gold
E.coli test		To pass test

Applications: Standard bacteriological media for the propagation and maintenance of E. coli strains in molecular biology procedures.
Components: (per liter) Peptone: 10g; Yeast Extract: 5g; Sodium Chloride: 10g; Agar: 15g; Tris/Tris-HCl: 1.5g
Recommended storage: RT

LB Agar, Miller		Pre-Buffered Capsules
packaging		Mfr. No
25x20 g Capsules		BP9734-500
CAS: [Peptone: 91079-40-2; Sodium Chloride: 7647-14-5; Yeast Extract: 8013-01-2; Agar: 9002-18-0; Tris/Tris HCl: 77-86-1; 1185-53-1]		
Appearance		Capsules
Color (prepared media)		Yellow to gold
E.coli test		To pass test

Applications: Standard bacteriological media for the propagation and maintenance of E. coli strains in molecular biology procedures.
Components: (per liter) Peptone: 10g; Yeast Extract: 5g; Sodium Chloride: 10g; Agar: 15g; Tris/Tris-HCl: 1.5g
Recommended storage: RT

LB Broth, Miller		Large Granules
packaging		Mfr. No
2 kg	Poly Pail	BP9723-2
500 g	Poly Bottle	BP9723-500
CAS: [Peptone: 91079-40-2; Sodium Chloride: 7647-14-5; Yeast Extract: 8013-01-2]		
Color (APHA)		Light beige
E.coli test		To pass test
particle size		1 to 2 mm

Applications: Standard bacteriological media for the propagation and maintenance of E. coli strains in molecular biology procedures; dust-free granules allow for easy weighing.
Components: (per liter) Peptone: 10g; Yeast Extract: 5g; Sodium Chloride: 10g
Recommended storage: RT



LB Broth, Miller

Pre-Buffered Capsules

packaging	Mfr. No
500x1 g Capsules	BP9732-500
CAS: [Peptone: 91079-40-2; Sodium Chloride: 7647-14-5; Yeast Extract: 8013-01-2; Tris/Tris HCl: 77-86-1; 1185-53-1] H315, H319 P280+P302+P352, P305+P351+P338	
<div><div></div></div>	
Appearance Capsules Color (prepared media) Yellow to gold E.coli test To pass test	
<p>Applications: Standard bacteriological media for the propagation and maintenance of E. coli strains in molecular biology procedures.</p> <p>Components: (per liter) Peptone: 10g; Yeast Extract: 5g; Sodium Chloride: 10g; Tris/Tris-HCl: 1.5g</p> <p>Recommended storage: RT</p>	

NZY Broth Molecular Genetics Powder

packaging	Mfr. No
100 g PolyBottle	BP2465-100
500 g PolyBottle	BP2465-500
2 kg PolyBottle	BP2465-2
10 kg PolyPail	BP2465-10

Growth promotion ability E. coli	Found
Growth promotion ability S. aureus	Found

Applications: NZY Broth is used for the maintenance and propagation of bacteriophage lambda.

Components: (per liter) Tryptone 10g; Yeast Extract 5g; NaCl 5g; MgSO₄ 2g

Recommended Storage: RT

SOB Broth

Capsules

packaging	Mfr. No
36x14 g Capsules	BP9737-500
CAS: [Peptone: 91079-40-2; Sodium Chloride: 7647-14-5; Yeast Extract: 8013-01-2; Magnesium Sulfate: 7487-88-9; Potassium Chloride: 7447-40-7]	
Appearance Capsules Color (prepared media) Light to medium amber E.coli test To pass test	
<p>Applications: Standard bacteriological media for the propagation and maintenance of E. coli strains in molecular biology procedures.</p> <p>Components: (per liter) Peptone: 20g; Yeast Extract: 5g; Sodium Chloride: 0.5g; Magnesium Sulfate: 2.4g; Potassium Chloride: 0.186g</p> <p>Recommended storage: RT</p>	

Terrific Broth, Modified

Capsules

packaging	Mfr. No
25x24 g Poly Bottle	BP9729-600
CAS: [Peptone: 91079-40-2; Yeast Extract: 8013-01-2; Potassium Phosphate, Monobasic: 7778-77-0; Potassium Phosphate, Dibasic: 7758-11-4]	
Appearance Capsules Color (prepared media) Light to medium amber E.coli test To pass test	
<p>Applications: Standard bacteriological media for the propagation and maintenance of E. coli strains in molecular biology procedures.</p> <p>Description: Contains 25 x 24g capsules; Use 2 capsules to make 1ℓ broth</p> <p>Components: (per liter) Peptone: 12g; Yeast Extract: 24g; Potassium Phosphate, Monobasic: 2.2g; Potassium Phosphate, Dibasic: 9.4g.</p> <p>Recommended storage: RT</p>	

LB Broth, Miller

Pre-Buffered Capsules

packaging	Mfr. No
25x20 g Capsules	BP9731-500
CAS: [Peptone: 91079-40-2; Sodium Chloride: 7647-14-5; Yeast Extract: 8013-01-2; Tris/Tris HCl: 77-86-1; 1185-53-1] H315, H319 P280+P302+P352, P305+P351+P338	
<div><div></div></div>	
Appearance Capsules Color (prepared media) Yellow to gold E.coli test To pass test	
<p>Applications: Standard bacteriological media for the propagation and maintenance of E. coli strains in molecular biology procedures.</p> <p>Components: (per liter) Peptone: 10g; Yeast Extract: 5g; Sodium Chloride: 10g; Tris/Tris-HCl: 1.5g</p> <p>Recommended storage: RT</p>	

Peptone Molecular Genetics Powder

packaging	Mfr. No
100 g PolyBottle	BP1420-100
500 g PolyBottle	BP1420-500
2 kg PolyBottle	BP1420-2

Growth promotion ability E. coli	Found
Growth promotion ability S. aureus	Found

Applications: Peptone contains nitrogen in a form readily available to bacteria.

Recommended Storage: RT

SOC Medium

packaging	Mfr. No
5x10mℓ Poly Bottle	BP9740-10X5
CAS: [Peptone: 91079-40-2; Sodium Chloride: 7647-14-5; Yeast Extract: 8013-01-2; Magnesium Sulfate: 7487-88-9; Potassium Chloride: 7447-40-7; Magnesium Chloride: 7786-30-3; Glucose: 50-99-7]	
Color (APHA) Yellow to light brown pH test To pass test Sterility To pass test	
<p>Applications: Standard bacteriological media for the propagation and maintenance of E. coli strains in molecular biology procedures.</p> <p>Components: Peptone: 20g/ℓ, Yeast Extract: 5g/ℓ, Sodium Chloride: 0.58g/ℓ, Potassium Chloride: 0.19g/ℓ, Magnesium Chloride: 0.95g/ℓ, Magnesium Sulfate: 1.2g/ℓ, Glucose: 3.6g/ℓ</p> <p>Recommended storage: 4°C</p>	

Terrific Broth, Modified

Large Granules

packaging	Mfr. No
2 kg Poly Pail	BP9728-2
500 g Poly Bottle	BP9728-500
CAS: [Peptone: 91079-40-2; Yeast Extract: 8013-01-2; Potassium Phosphate, Monobasic: 7778-77-0; Potassium Phosphate, Dibasic: 7758-11-4]	
Color (APHA) Beige to yellow E.coli test To pass test particle size 1 to 2 mm	
<p>Applications: Standard bacteriological media for the propagation and maintenance of E. coli strains in molecular biology procedures.</p> <p>Components: (per liter) Peptone: 12g; Yeast Extract: 24g; Potassium Phosphate, Monobasic: 2.2g; Potassium Phosphate, Dibasic: 9.4g.</p> <p>Recommended storage: RT</p>	

NZCYM Broth Molecular Genetics Powder

packaging	Mfr. No
100 g PolyBottle	BP2464-100
500 g PolyBottle	BP2464-500
2 kg PolyBottle	BP2464-2
10 kg PolyPail	BP2464-10

Growth promotion ability E. coli	Found
Growth promotion ability S. aureus	Found

Applications: NZCYM Broth is used for the maintenance and propagation of bacteriophage lambda.

Components: (per liter) Tryptone 10g; Yeast Extract 5g; Casamino Acids 1g; NaCl 5g; MgSO₄ 1g

Recommended Storage: RT

Peptone

Large Granules

packaging	Mfr. No
500 g Poly Bottle	BP9725-500
2 kg Poly Pail	BP9725-2
CAS: 73049-73-7	
Ash <=15%	
Color (APHA) Light beige	
Moisture <=5%	
particle size 1 to 2 mm	
pH of a 2% solution Inclusive between 6.5-7.5	
Total nitrogen content >=10%	

Applications: Standard bacteriological media for the propagation and maintenance of E. coli strains in molecular biology procedures; dust-free granules allow for easy weighing.

Description: Mixture of peptides and free amino acids from pancreatic hydrolysis of animal tissue; pH (at 25°C, 2% Solution): 6.5 to 7.5

Recommended storage: RT

Terrific Broth Molecular Genetics Powder

packaging	Mfr. No
100 g PolyBottle	BP2468-100
500 g PolyBottle	BP2468-500
2 kg PolyBottle	BP2468-2
10 kg PolyPail	BP2468-10

Growth promotion ability E. coli	Found
Growth promotion ability S. aureus	Found

Applications: Terrific broth is a buffered enriched medium used to obtain high yields of plasmid DNA from transformed E. coli.

Components: (per liter) Tryptone 12g; Yeast Extract 24g; K2HPO4 12.5g; KH2PO4 2.3g

Recommended Storage: RT

Tryptone

Large Granules

packaging	Mfr. No
2 kg Poly Pail	BP9726-2
500 g Poly Bottle	BP9726-500
CAS: 91079-40-2	
Ash <=15%	
Color (APHA) Light beige	
Moisture <=5%	
particle size 1 to 2 mm	
pH of a 2% solution Inclusive between 6.5-7.5	
Total nitrogen content >=10%	

Applications: Standard bacteriological media for the propagation and maintenance of E. coli strains in molecular biology procedures; dust-free granules allow for easy weighing.

Description: An enzymatic digest of casein, a milk protein; pH (at 25°C, 2% Solution): 6.5 to 7.3

Recommended storage: RT

Yeast Extract Molecular Genetics Powder

packaging	Mfr. No
100 g PolyBottle	BP1422-100
500 g PolyBottle	BP1422-500
2 kg PolyBottle	BP1422-2
CAS: 8013-01-2 EINECS: 232-387-9	
Growth promotion ability E. coli Found	
Growth promotion ability S. aureus Found	

Applications: Yeast Extract is the water-soluble portion of autolyzed yeast used in bacteriological culture media.
Recommended Storage: RT

Yeast Extract

Large Granules

packaging	Mfr. No
2 kg Poly Pail	BP9727-2
500 g Poly Bottle	BP9727-500
CAS: 8013-01-2 EINECS: 232-387-9	
Color (APHA) Light beige to brown	
Moisture <=6%	
particle size 1 to 2 mm	
pH of a 2% solution Inclusive between 5.5-7.5	
Total nitrogen content >=8%	

Applications: Standard bacteriological media for the propagation and maintenance of E. coli strains in molecular biology procedures; dust-free granules allow for easy weighing.
Description: Dried yeast autolysate with a high content of amino nitrogen and water soluble B complex vitamins
Recommended storage: RT

YPD Broth Molecular Genetics Powder

packaging	Mfr. No
100 g PolyBottle	BP2469-100
500 g PolyBottle	BP2469-500
2 kg PolyBottle	BP2469-2
10 kg PolyPail	BP2469-10
Growth promotion ability E. coli Found	
Growth promotion ability S. aureus Found	

Applications: YPD Broth is used for the maintenance and propagation of yeast.
Recommended Storage: RT

n-Butanol Clear Colorless Liquid

packaging	Mfr. No
25 mℓ AmberGlass	BP505-25
500 mℓ AmberGlass,EcoSafPak*	BP505-500
C ₄ H ₁₀ O CAS: 71-36-3 MW: 74.12 EINECS: 200-751-6 H226, H315, H302, H336,	
H318, H335 P280, P305+P351+P338, P301+P312, P304+P340, P210, P303+P361+P353	
Acidity <=0.005%	
Aldehyde (HCHO) None	
Assay >=99.8%	
Chloride (Cl) None	
Color (APHA) <=5	
iso-Butanol <=0.1%	
Water <=0.1%	

Applications: n-Butanol is used as an analytical reagent and solvent.
Recommended Storage: RT
UN 1120; DOT Class 3:Flammable Liquid
EcoSafPak* is an environmentally friendly packaging system made of 100% recyclable material by an SFI certified supplier.

ACES Fine White Crystals

packaging	Mfr. No
100 g AmberGlass	BP303-100
C ₄ H ₁₀ N ₂ O ₄ S CAS: 7365-82-4 MW: 182.19	
EINECS: 230-908-4	
Assay >=96%	
IR Conforms to standard	
PKa (at 25°C) 6.78 ±0.2	

Applications: ACES biological buffer has a usable pH range of 6.1 to 7.5.
Recommended Storage: RT

Amido Black 10B

packaging	Mfr. No
10 g AmberGlass	BP124-10
C ₂₂ H ₁₄ N ₆ Na ₂ O ₉ S ₂ CAS: 1064-48-8 MW: 616.48 EINECS: 213-903-1	
H335, H319, H315 P261, P302+P352, P280, P305+P351+P338	
E ¹ _% >=450ℓ g-1cm-1	
Lambda Max. 618nm±2nm	
Loss on Drying (at 105°C) <=10%	
Solubility To pass test	

Recommended storage: RT
C.I. 20470