

# Molecular Reagents

Catalog No.	46-020 20X Liquid SSC Buffer	46-010 10X Liquid TAE Buffer	46-011 10X Liquid TBE Buffer	46-030 1M, Liquid Tris HCl pH 7.5	46-031 1M, Liquid Tris HCl pH 8.0	46-000 Liquid Distilled, Deionized Water	46-050 Liquid LB Broth	46-055 Liquid Terrific Broth
Components	g/L	g/L	g/L	g/L	g/L	g/L	g/L	g/L
Boric acid	--	--	55.00	--	--	--	--	--
Casein peptone	--	--	--	--	--	--	10.00	12.00
EDTA free acid (anhydrous)	--	2.922	2.92	--	--	--	--	--
Glacial acetic acid	--	11.42	--	--	--	--	--	--
Glycerol (mL)	--	--	--	--	--	--	--	4.00 (mL)
KH <sub>2</sub> PO <sub>4</sub>	--	--	--	--	--	--	--	2.31
K <sub>2</sub> HPO <sub>4</sub>	--	--	--	--	--	--	--	12.54
NaCl	175.35	--	--	--	--	--	10.00	--
Na citrate • 2H <sub>2</sub> O	88.20	--	--	--	--	--	--	--
Tris	--	48.40	108.00	21.78	48.50	--	--	--
Tris HCl	--	--	--	128.74	94.50	--	--	--
UF Yeast Powder	--	--	--	--	--	--	5.00	24.00
<b>Specifications</b>								
pH (before adjustment)	--	--	--	--	--	--	--	--
pH	7.0 ± 0.1	8.3 ± 0.1 (24-26°C)	8.4 ± 0.1 (24-26°C)	7.5 ± 0.1 (24-26°C)	8.0 ± 0.1 (24-26°C)	6.0 ± 1.0	INFO	INFO
Osmolality (mOsm/kg)	--	--	--	--	--	--	INFO	445 ± 20
Conductivity	--	9.2 ± 0.2 ms/cm @ 20-25°C	--	--	--	Meets USP 33 Packaged Water	--	--

Catalog No.	46-003 Liquid S.O.C. Medium
Components	g/L
UF Yeast Powder	5.00
Casein Peptone	20.0
Dextrose	3.6032
KCl	0.186375
NaCl	0.5845
MgCl <sub>2</sub> (anhydrous)	0.9521
MgSO <sub>4</sub> (anhydrous)	1.2036
<b>Specifications</b>	
pH	6.8 ± 0.5
Osmolality (mOsm/kg)	180 ± 15