

## 172a. CY S2 MEDIUM

NH <sub>4</sub> Cl	1.00	g
KH <sub>2</sub> PO <sub>4</sub>	1.00	g
MgSO <sub>4</sub> x 7 H <sub>2</sub> O	1.00	g
CaCl <sub>2</sub> x 2 H <sub>2</sub> O	0.06	g
NaCl	30.00	g
FeCl <sub>3</sub> x 6 H <sub>2</sub> O	1.25	mg
Yeast extract	1.00	g
Agar	1.00	g
Distilled water	1000.00	ml

Adjust pH to 7.0 and autoclave.

After autoclaving, add from separate sterile solutions per liter medium:

Glucose (10% w/v)	10.0	ml
NaHCO <sub>3</sub> (5% w/v)	10.0	ml
Na <sub>2</sub> S x 9 H <sub>2</sub> O (3% w/v)	3.3	ml

Aseptically fill sterile 10-ml screwcap tubes almost completely with the medium. Make stab inoculation.