

**1671. ACIDICAPSA MEDIUM (GYS MEDIUM)**

## SOLUTION A

KH <sub>2</sub> PO <sub>4</sub>	1.000	g
(NH <sub>4</sub> ) <sub>2</sub> SO <sub>4</sub>	1.000	g
Yeast extract	0.300	g
MgCl <sub>2</sub> x 6 H <sub>2</sub> O	0.200	g
CaCl <sub>2</sub>	0.045	g
NaCl	0.200	g
Trace element solution (see below)	1.000	ml
Distilled water	500.000	ml

Adjust the pH with 1N H<sub>2</sub>SO<sub>4</sub> to 4.5

## SOLUTION B

Glucose	2.000	g
If required, Agar-agar	20.000	g
Distilled water	500.000	ml

Autoclave solution A and B separately in order to prevent hydrolysis at low pH.

*TRACE ELEMENT SOLUTION*

Na <sub>2</sub> EDTA	5.000	g
FeCl <sub>2</sub> x 4 H <sub>2</sub> O	1.000	g
H <sub>3</sub> BO <sub>3</sub>	0.300	g
CoCl <sub>2</sub> x 6 H <sub>2</sub> O	0.110	g
ZnCl <sub>2</sub>	0.050	g
MnCl <sub>2</sub> x 4 H <sub>2</sub> O	0.030	g
Na <sub>2</sub> MoO <sub>4</sub> x 2 H <sub>2</sub> O	0.030	g
NiSO <sub>4</sub> x 6 H <sub>2</sub> O	0.030	g
CuCl <sub>2</sub> x 2 H <sub>2</sub> O	0.010	g
Distilled water	1000.000	ml