

**452. GLUCOSE MEDIUM (NAKAYAMA)**

Glucose	10.00	g
Peptone	10.00	g
Yeast extract	15.00	g
Agar	10.00	g
Distilled water	980.00	ml
Solution A	10.00	ml
Solution B	10.00	ml
Solution C	1.00	ml

**Solution A:**

KH <sub>2</sub> PO <sub>4</sub>	0.50	g
K <sub>2</sub> HPO <sub>4</sub>	0.50	g
Distilled water	100.00	ml

**Solution B:**

MgSO <sub>4</sub> x 7 H <sub>2</sub> O	3.00	g
NaCl	0.10	g
MnSO <sub>4</sub> x 5 H <sub>2</sub> O	0.10	g
CuSO <sub>4</sub> x 5 H <sub>2</sub> O	0.01	g
Distilled water	100.00	ml

**Solution C:**

FeSO <sub>4</sub> x 7 H <sub>2</sub> O	0.10	g
Na <sub>3</sub> -Citrate	2.00	g
Distilled water	100.00	ml

Autoclave all solutions separately, final pH is 6.8.