

## 621. PYGV AGAR

Mineral salt sol. ("Hutner/Cohen-Bazire")	20.00	ml
Peptone (Bacto)	0.25	g
Yeast extract (Bacto)	0.25	g
Agar (Bacto)	15.00	g
Distilled water	965.00	ml

Sterilize 20 min./121°C. After cooling to 60°C add to the medium:

Glucose sol. (2.5%, sterile-filtered)	10.00	ml
Vitamin sol. (double conc.)	5.00	ml

Adjust pH to 7.5 (the medium is only weakly buffered; one needs approx. 10 drops/l medium of 6 N KOH).

### *Mineral salt solution:*

Nitrilotriacetic acid (NTA)	10.00	g
MgSO <sub>4</sub> x 7 H <sub>2</sub> O	29.70	g
CaCl <sub>2</sub> x 2 H <sub>2</sub> O	3.34	g
Na <sub>2</sub> MoO <sub>4</sub> x 2 H <sub>2</sub> O	12.67	mg
FeSO <sub>4</sub> x 7 H <sub>2</sub> O	99.00	mg
Metall salt sol. "44" (see medium 590)	50.00	ml
Distilled water	900.00	ml

Dissolve NTA first by neutralizing with KOH, then add other salts. Adjust pH to 7.2 with KOH or H<sub>2</sub>SO<sub>4</sub>. Adjust volume to 1000.0 ml with distilled water.

### *Vitamin solution (double conc.):*

Biotin	4.00	mg
Folic acid	4.00	mg
Pyridoxine-HCl	20.00	mg
Riboflavine	10.00	mg
Thiamine-HCl x 2 H <sub>2</sub> O	10.00	mg
Nicotinamide	10.00	mg
D-Ca-pantothenate	10.00	mg
Vitamin B <sub>12</sub>	0.20	mg
p-Aminobenzoic acid	10.00	mg
Distilled water	1000.00	ml

Store in the dark and cold (5°C).