1733. MEDIUM FOR HYDROGENOPHILUS

KH2PO4	2.3	g
Na2HPO4·6H2O	2.9	g
NH4Cl	1.0	g
NaHCO3	0.5	g
CaCl2·2H2O	0.1	g
SL-6 trace element solution	5.0	ml
Distilled water	880.0	ml

Mix components thoroughly, adjust pH to 6.8. Distribute the medium into culture vessels (e.g., 17.0 ml in 120 ml serum bottles), seal with butyl rubber stoppers and autoclave.

After cooling,
add the following autoclaved solutions (for final 20 ml):

0.5% MgSO4·7H2O solution	2.0	ml
0.1% Fe(NH4) citrate solution	0.4	ml
10% Sodium lactate	0.4	ml
1% Yeast extract	0.2	ml

Pressurize to 100 kPa with H2-CO2 (4:1, v/v).
Add 10% O2 to headspace

Trace element solution SL 6:

ZnSO4 x 7 H2O	0.10	g
MnCl2 x 4 H2O	0.03	g
H3BO3	0.30	g
CoCl2 x 6 H2O	0.20	g
CuCl2 x 2 H2O	0.01	g
NiCl2 x 6 H2O	0.02	g
Na2MoO4 x 2 H2O	0.03	g
Distilled water	1000.00	ml