1639: AZOARCUS TAIWANENSIS MEDIUM

NaCl	10.00	g
KNO_3	0.76	g
NH_4Cl	0.10	g
K_2HPO_4	0.25	g
Trace element solution SL-11	1.00	ml
$NaHCO_3$	1.50	g
Na-acetate	0.44	g
Na_2S x 9 H_2O	0.10	g
Distilled water	1000.00	ml

Dissolve ingredients (except bicarbonate, acetate and sulfide) and sparge medium with 100% N_2 gas for 30 - 45 min to make it anoxic. Then, add and dissolve bicarbonate, adjust pH to 8.5 - 9.0, dispense under 100% N_2 gas atmosphere into anoxic Hungate-type tubes or serum vials and autoclave. After sterilization add acetate and sulfide from sterile anoxic stock solutions autoclaved under 100% N_2 gas atmosphere. Adjust pH of complete medium to 8.5 - 9.0, if necessary.

Trace element solution SL-11 (from medium 722)

Na_2-EDTA x 2 H_2O	5.20	g
$FeCl_2$ x 4 H_2O	1.50	g
$ZnCl_2$	70.00	mg
$MnCl_2$ x 4 H_2O	100.00	mg
H_3BO_3	6.00	mg
$CoCl_2$ x 6 H_2O	190.00	mg
$CuCl_2$ x 2 H_2O	2.00	mg
$NiCl_2$ x 6 H_2O	24.00	mg
Na_2MoO_4 x 2 H_2O	36.00	mg
Distilled water	1000.00	ml

Dissolve EDTA in 800 ml distilled water, adjust pH to 7 using 2 N NaOH and add ferrous chloride. After ferrous chloride has dissolved add other compounds. Finally adjust pH to 6.0 and bring volume to 1000 ml.