

1639. AZOARCUS TAIWANENSIS MEDIUM

NaCl	10.00	g
KNO ₃	0.76	g
NH ₄ Cl	0.10	g
K ₂ HPO ₄	0.25	g
Trace element solution SL-11 (see medium 722)	1.00	ml
NaHCO ₃	1.50	g
Na-acetate	0.44	g
Na ₂ S x 9 H ₂ O	0.10	g
Distilled water	1000.00	ml

Dissolve ingredients (except bicarbonate, acetate and sulfide) and sparge medium with 100% N₂ gas for 30 – 45 min to make it anoxic. Then, add and dissolve bicarbonate, adjust pH to 8.5 - 9.0, dispense under 100% N₂ 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% N₂ gas atmosphere. Adjust pH of complete medium to 8.5 – 9.0, if necessary.